

CARMONA RESOURCES



SITE INFORMATION

Closure Report
Nervous Horz Com 003H (11.27.22)
Eddy County, New Mexico
Incident ID: NAPP2234630749
Unit B Sec 36 T18S R31E
32.7105°, -103.8202°

Crude Oil Release
Point of Release: Hole developed on a 2" nipple
Release Date: 11/27/2022
Volume Released: 3.679 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES



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

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

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

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE INFORMATION AND BACKGROUND

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION FIGURE 4 EXCAVATION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C INITIAL C-141 AND FINAL/NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



January 26, 2023

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

**Re: Closure Report
Nervous Horz Com 003H (11.27.22)
Concho Operating, LLC
Site Location: Unit B Sec 36 T18S R31E
(Lat 32.7105°, Long -103.8202°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document the Nervous Horz Com 003H (11.27.22) site activities. The site is located at 32.7105° -103.8202° within Unit B, Sec 36, T18S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on November 27, 2022, due to a hole that developed on a 2" nipple, resulting in overspray off the pad. It released 3.679 of a barrel of crude oil, and 0 barrels of crude oil were recovered. The impacted area occurred in the pasture, shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water source is within a 0.50-mile radius of the location. The nearest identified well is approximately 1.67 miles Southwest of the site in S35, T18S, R31E and was drilled in 1994. The well has a reported depth to groundwater of 260.67 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 12, 2022, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. To assess the vertical and horizontal extent, a total of three (3) sample points and three (3) horizontal samples were advanced to depths ranging from the surface to 3' bgs inside and surrounding

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



the release area to evaluate the vertical and horizontal extent. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, TX. 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.

Referring to Table 1, all chloride, total BTEX, and benzene were below the regulatory criteria. The area of S-1 showed high TPH concentrations from surface to 3.0' bgs; due to the dense cementation at 3.0' bgs, vertical delineation was not achieved. The area of S-2 showed elevated concentrations from surface to 1.5' bgs, then declined with depth. The area of S-3 showed a high TPH concentration at 0.5' bgs, then decreased with depth at 1.0' bgs with a concentration of 90.1 mg/kg.

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 January 9, 2022, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of S-1 through S-3 was excavated to a depth ranging from 1' to 3.5' below the surface to remove all the impacted soils. A total of fourteen (14) floor confirmation samples were collected (CS-1 through CS-14), and eleven (11) sidewall samples (SW-1 through SW-11) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory and reclamation 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 380 cubic yards of material were excavated and transported offsite for proper disposal.

5.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

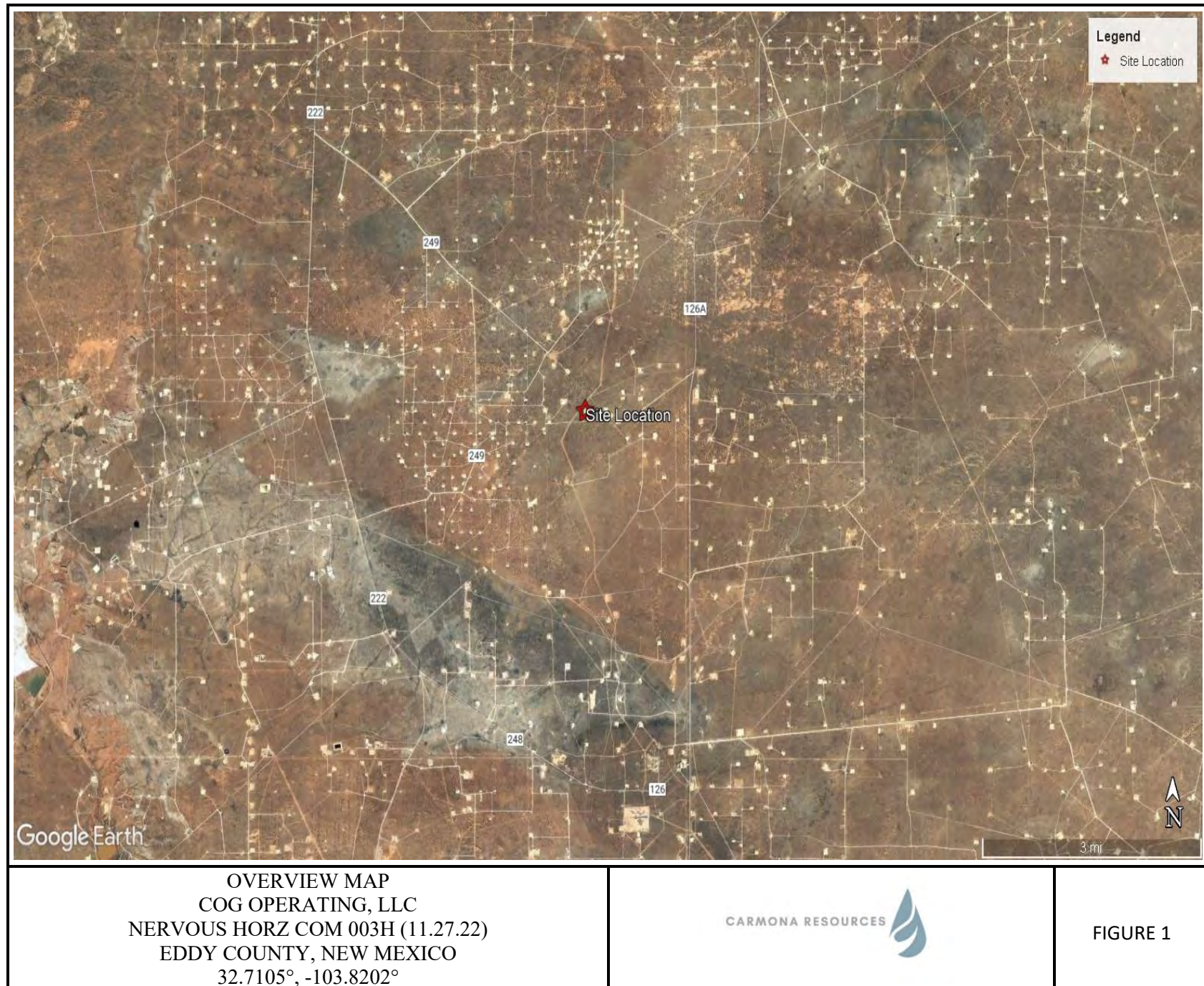
Mike Carmona
Environmental Manager

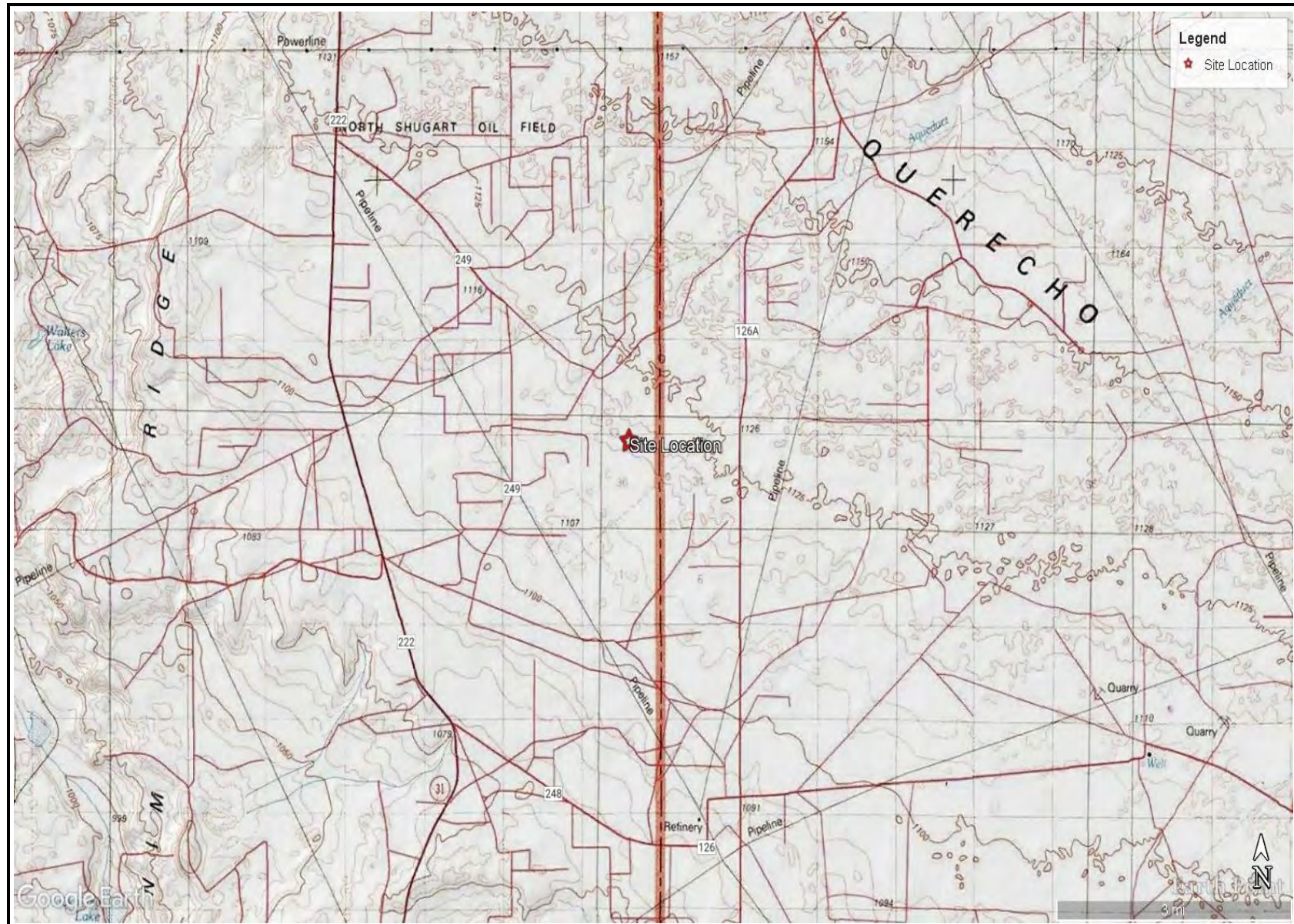
Conner Moehring
Sr. Project Manager

FIGURES

CARMONA RESOURCES



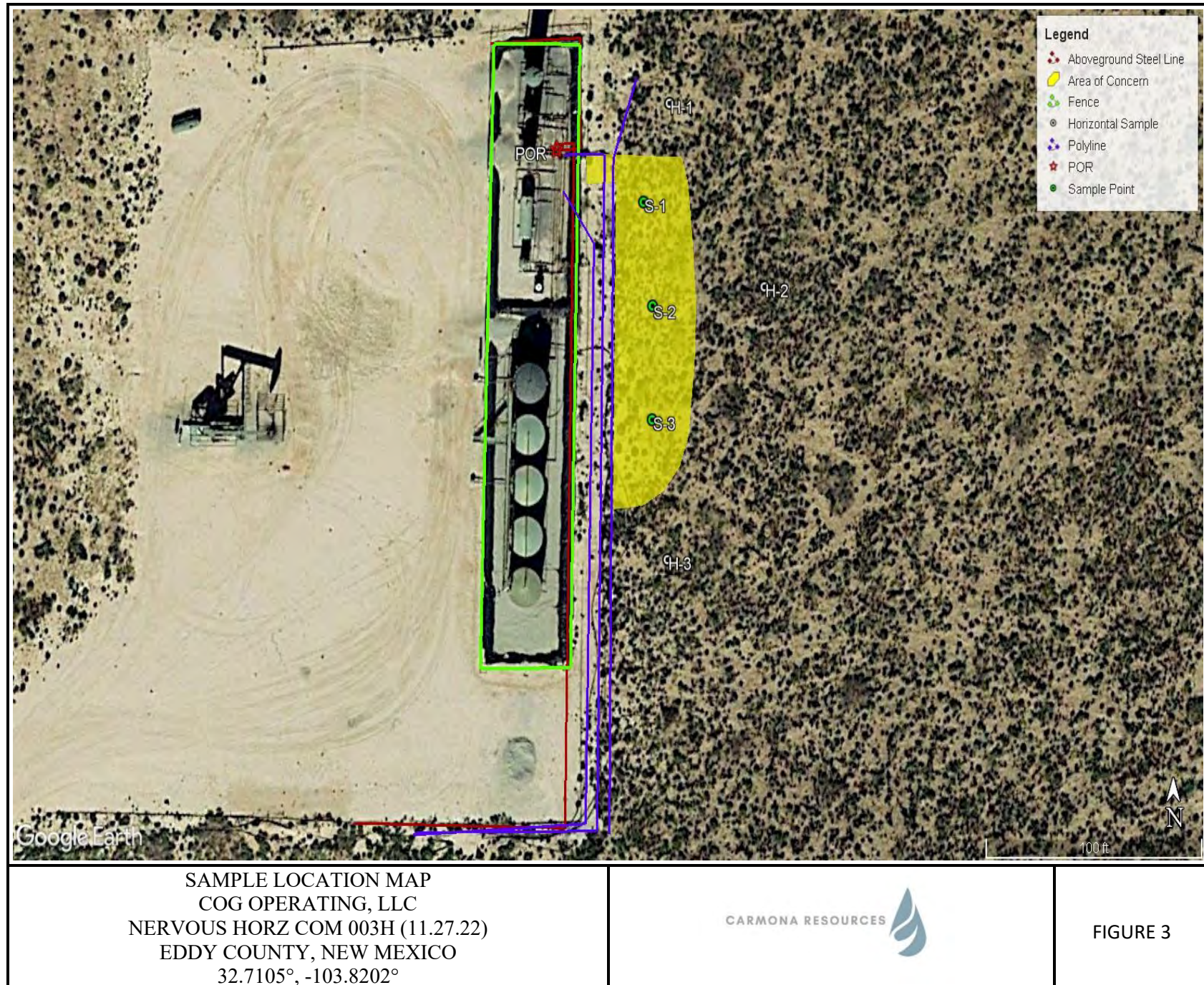


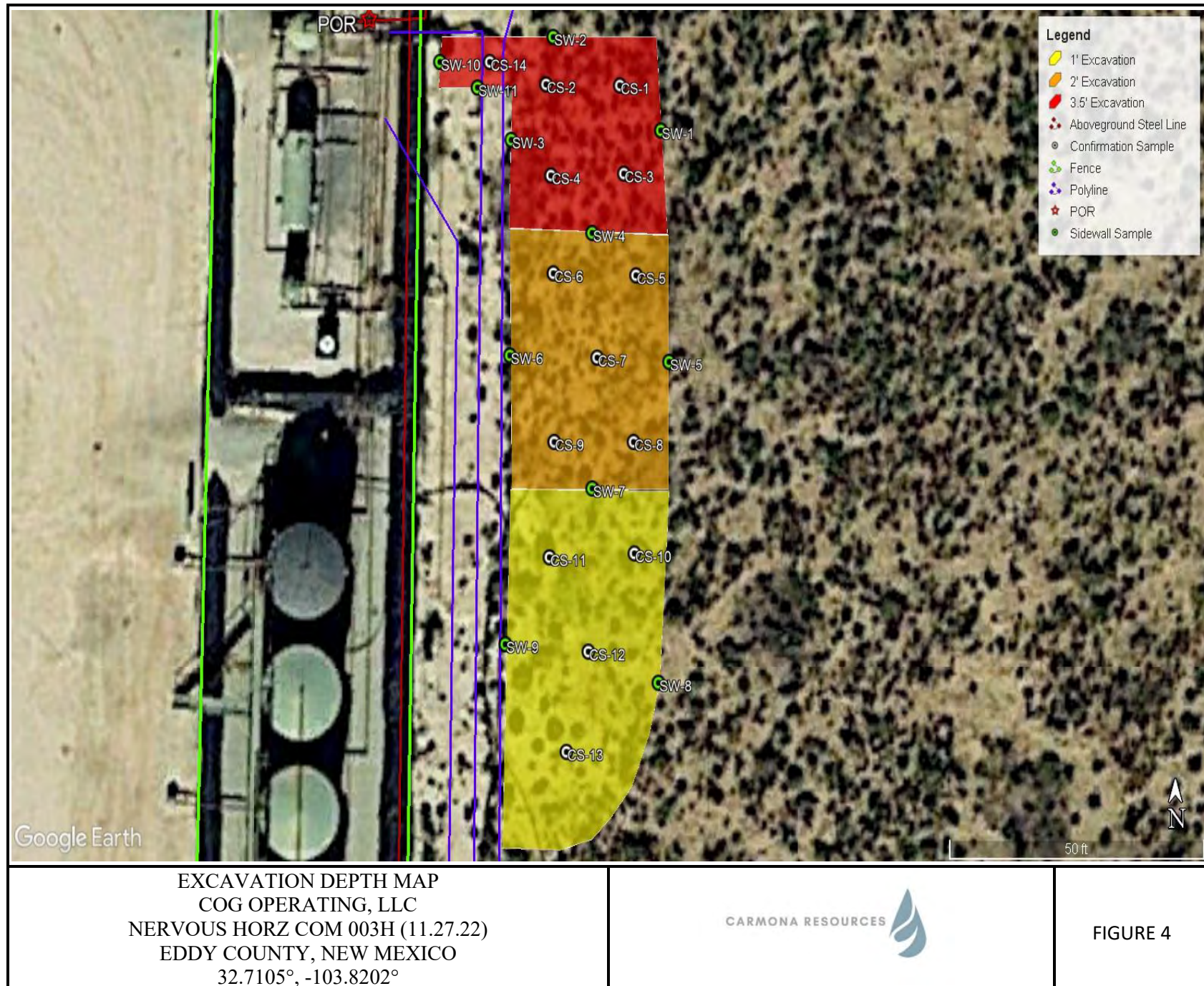


TOPOGRAPHIC MAP
 COG OPERATING, LLC
 NERVOUS HORZ COM 003H (11.27.22)
 EDDY COUNTY, NEW MEXICO
 32.7105°, -103.8202°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
COG
Nervous Horz Com 003H (11.27.22)
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	12/12/2022	0-0.25	<50.0	323	<50.0	323	0.0302	0.0549	0.0233	0.129	0.237	17.6
	"	0.5	<49.9	61.1	<49.9	61.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	95.8
	"	1	<49.9	118	<49.9	118	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	30.2
	"	1.5	<50.0	82.4	<50.0	82.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	47.2
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.2
	"	3	<50.0	236	<50.0	236	<0.00201	<0.00201	<0.00201	0.0149	0.0149	42.1
S-2	12/12/2022	0-0.25	<49.9	103	<49.9	103	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	42.3
	"	0.5	<50.0	68.6	<50.0	68.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	42.4
	"	1	<50.0	50.1	<50.0	50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	28.9
	"	1.5	<50.0	424	88.7	513	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	95.0
	"	2	<49.9	67.3	<49.9	67.3	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	45.1
	"	3	<50.0	81.0	<50.0	81.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	42.5
S-3	12/12/2022	0-0.25	<49.9	67.3	<49.9	67.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.5
	"	0.5	<50.0	118	<50.0	118	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.1
	"	1	<50.0	90.1	<50.0	90.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.3
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	21.4
	"	2	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	15.1
H-1	12/12/2022	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	22.7
H-2	12/12/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	19.2
H-3	12/12/2022	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	95.5
Regulatory Criteria^A							100 mg/kg	10 mg/kg	-	-	50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

(H) - Horizontal

Removed

Table 2
EOG Resources
Nervous Horz 003H (11.27.22)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	1/12/2023	3.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.002001	<0.00201	<0.00402	<0.00402	347.0
CS-2	1/12/2023	3.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00408	<0.00401	322.0
CS-3	1/12/2023	3.5	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00409	<0.00396	162.0
CS-4	1/12/2023	3.5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00410	<0.00398	129.0
CS-5	1/12/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00411	<0.00398	140
CS-6	1/12/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00412	<0.00402	208
CS-7	1/12/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00413	<0.00402	160.0
CS-8	1/12/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00414	<0.00399	148.0
CS-9	1/12/2023	2.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00415	<0.00398	214.0
CS-10	1/12/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00403	<0.00396	125.0
CS-11	1/12/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00404	<0.00399	80.8
CS-12	1/12/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00405	<0.00402	94.5
CS-13	1/12/2023	1.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00406	<0.00398	96
CS-14	1/12/2023	3.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00407	<0.00398	290
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(CS) Confirmation Sample

Table 2
EOG Resources
Nervous Horz 003H (11.27.22)
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						
SW-1	1/12/2023	3.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00416	<0.00399	135.0
SW-2	1/12/2023	3.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00419	<0.00402	200
SW-3	1/12/2023	3.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00420	<0.00401	274.0
SW-4	1/12/2023	3.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00421	<0.00396	240.0
SW-5	1/12/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00422	<0.00402	201.0
SW-6	1/12/2023	2.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00423	<0.00398	208.0
SW-7	1/12/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00424	<0.00400	305.0
SW-8	1/12/2023	1.0	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00425	<0.00403	173.0
SW-9	1/12/2023	1.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00426	<0.00396	118.0
SW-10	1/12/2023	3.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00417	<0.00399	126
SW-11	1/12/2023	3.5	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00418	<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

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

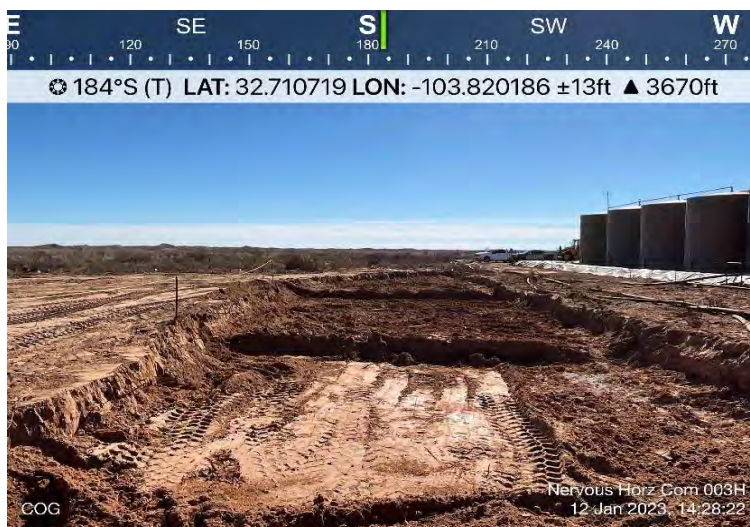


PHOTOGRAPHIC LOG**Concho Operating, LLC****Photograph No. 1****Facility:** Nervous Horz Com 003H (11.27.22)**County:** Eddy County, New Mexico**Description:**

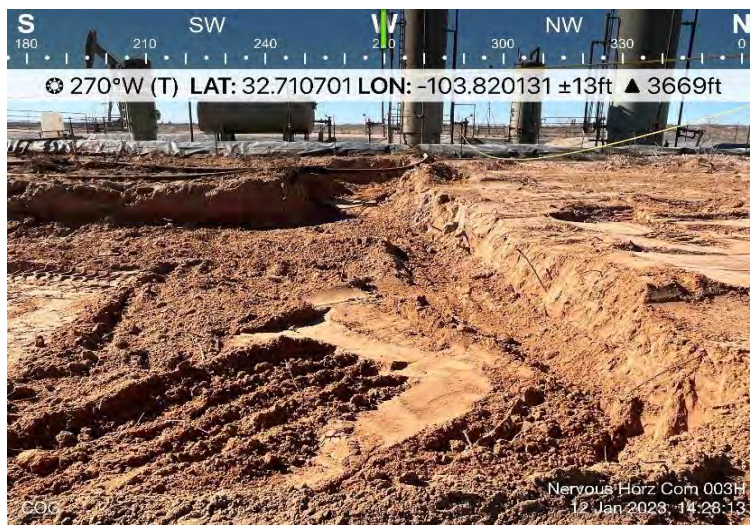
View North, area of confirmation samples (1-14).

**Photograph No. 2****Facility:** Nervous Horz Com 003H (11.27.22)**County:** Eddy County, New Mexico**Description:**

View South, area of confirmation samples (1-14).

**Photograph No. 3****Facility:** Nervous Horz Com 003H (11.27.22)**County:** Eddy County, New Mexico**Description:**

View West, area of confirmation samples (1-4 and 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: <u></u>	Date: _____
email: _____	Telephone: _____
<u>OCD Only</u>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>12/12/2022</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature: Jacques Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/06/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: _____ Title: _____

Signature: Jocelyn Harimon Date: _____

email: _____ Telephone: _____

OCD Only

Received by: Jocelyn Harimon Date: 02/06/2023

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: Jennifer Nobui Date: _____

Printed Name: _____ Title: _____

From: Conner Moehring
Sent: Monday, January 9, 2023 9:22 PM
To: OCD.Enviro@emnrd.nm.gov <OCD.Enviro@emnrd.nm.gov>
Cc: Mike Carmona; Jacqui.Harris@conocophillips.com
Subject: COG - Nervous Horz Com 003H (11.27.22) - Sampling Notification

Good Evening,

On behalf of COG, Carmona Resources will collect confirmation samples at the below-referenced site on 1/12/23 around 8:00 a.m. Mountain Time. Please let me know if you have any questions.

COG – Nervous Horz Com 003H (11.27.22)
Incident #: NAPP2234630749
Eddy County, New Mexico
32.7105, -103.8202
Sec 36 T18S R31E Unit B

Conner R. Moehring
310 West Wall Street, Suite 500
Midland Texas, 79701
M: 432-813-6823
Cmoehring@carmonaresources.com



APPENDIX D

CARMONA RESOURCES



Nearest water well

COG Operating

Legend

- 0.50 Mile Radius
- 1.67 Miles
- 2.86 Miles
- 3.10 Miles
- 3.26 Miles
- Nervous Horz Com #3H (11.27.22)
- USGS Water Well



2 mi

Low Karst

COG Operating

Legend

- High
- Low
- Medium
- Nervous Horz Com #3H (11.27.22)

Nervous Horz Com #3H (11.27.22)



4 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
CP 00849 POD1	CP	LE		3	1	3	35	18S	31E	608012	3618757*	2755	300		
CP 00672	CP	LE		4	4	07	18S	32E	612475	3624947*	5480	524	430	94	
CP 00672 CLW475398	O	CP	LE	4	4	07	18S	32E	612475	3624947*	5480	540	460	80	

Average Depth to Water: **445 feet**

Minimum Depth: **430 feet**

Maximum Depth: **460 feet**

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 610556.87

Northing (Y): 3619813.64

Radius: 6000

*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 2:52 PM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- 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

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324159103503801

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

USGS 324159103503801 18S.31E.35.31324

Eddy County, New Mexico
Latitude 32°42'07.3", Longitude 103°50'50.1" NAD83
Land-surface elevation 3,630 feet above NAVD88
The depth of the well is 300 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Chinle Formation (231CHNL) 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 measured
1971-04-05			D 62610		3367.36	NGVD29	1		Z	
1971-04-05			D 62611		3368.92	NAVD88	1		Z	
1971-04-05			D 72019	261.08			1		Z	
1976-05-27			D 62610		3367.91	NGVD29	1		Z	
1976-05-27			D 62611		3369.47	NAVD88	1		Z	
1976-05-27			D 72019	260.53			1		Z	
1983-04-11			D 62610		3367.94	NGVD29	1		Z	
1983-04-11			D 62611		3369.50	NAVD88	1		Z	
1983-04-11			D 72019	260.50			1		Z	
1987-01-26			D 62610		3367.44	NGVD29	1		S	
1987-01-26			D 62611		3369.00	NAVD88	1		S	
1987-01-26			D 72019	261.00			1		S	
1994-03-17			D 62610		3367.77	NGVD29	1		S	
1994-03-17			D 62611		3369.33	NAVD88	1		S	
1994-03-17			D 72019	260.67			1		S	

Explanation

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

[Questions about sites/data?](#)[Feedback on this web site](#)[Automated retrievals](#)[Help](#)[Data Tips](#)[Explanation of terms](#)[Subscribe for system changes](#)[News](#)[Accessibility](#)[FOIA](#)[Privacy](#)[Policies and Notices](#)[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)**Title: Groundwater for New Mexico: Water Levels****URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>**Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2022-12-12 16:59:12 EST

0.33 0.29 nadww02

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	

Click to hide News Bulletins

- 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

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

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 324502103495801

Minimum number of levels = 1

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

USGS 324502103495801 18S.31E.14.22133

Eddy County, New Mexico

Latitude 32°45'02", Longitude 103°49'58" NAD27

Land-surface elevation 3,736 feet above NAVD88

The depth of the well is 400 feet below land surface.

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

This well is completed in the Chinle Formation (231CHNL) 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
1965-12-08		D	62610		3445.40	NGVD29	1		Z	
1965-12-08		D	62611		3446.95	NAVD88	1		Z	
1965-12-08		D	72019	289.05			1		Z	
1971-04-06		D	62610		3357.15	NGVD29	1		Z	
1971-04-06		D	62611		3358.70	NAVD88	1		Z	
1971-04-06		D	72019	377.30			1		Z	
1976-05-27		D	62610		3357.53	NGVD29	1		Z	
1976-05-27		D	62611		3359.08	NAVD88	1		Z	
1976-05-27		D	72019	376.92			1		Z	
1983-04-11		D	62610		3358.65	NGVD29	1		Z	
1983-04-11		D	62611		3360.20	NAVD88	1		Z	
1983-04-11		D	72019	375.80			1		Z	
1987-01-26		D	62610		3357.39	NGVD29	1		S	
1987-01-26		D	62611		3358.94	NAVD88	1		S	
1987-01-26		D	72019	377.06			1		S	
1990-09-25		D	62610		3357.81	NGVD29	1		S	

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	
1990-09-25	D	62611	3359.36	NAVD88	1	S	
1990-09-25	D	72019	376.64		1	S	
1994-03-07	D	62610	3357.63	NGVD29	1	S	
1994-03-07	D	62611	3359.18	NAVD88	1	S	
1994-03-07	D	72019	376.82		1	S	

Explanation

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

[Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=324502103495801&agency_cd=USGS&format=html)



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-12-12 17:00:51 EST
0.29 0.25 nadww02



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- 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

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324046103464101

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

USGS 324046103464101 19S.32E.08.2

Lea County, New Mexico
Latitude 32°40'42", Longitude 103°47'00" NAD27
Land-surface elevation 3,640 feet above NGVD29
This well is completed in the Other aquifers (N9999OTHER) national 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
1958-12-10			D	62610	3271.70	NGVD29	1	O	USGS	
1958-12-10			D	62611	3273.26	NAVD88	1	O	USGS	
1958-12-10			D	72019	368.30		1	O	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
Method of measurement	O	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.

Section	Code	Description
Water-level approval status	A	Approved for publication -- Processing and review completed.

- [Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-12-12 17:04:34 EST
0.28 0.23 nadww02



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- 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

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 324040103464801

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

USGS 324040103464801 19S.32E.08.22411

Lea County, New Mexico
Latitude 32°40'40", Longitude 103°46'48" NAD27
Land-surface elevation 3,640 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) 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
1958-12-09		D	62610		3273.14	NGVD29	1	Z		
1958-12-09		D	62611		3274.70	NAVD88	1	Z		
1958-12-09		D	72019	365.30			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.
Measuring agency		Not determined

Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

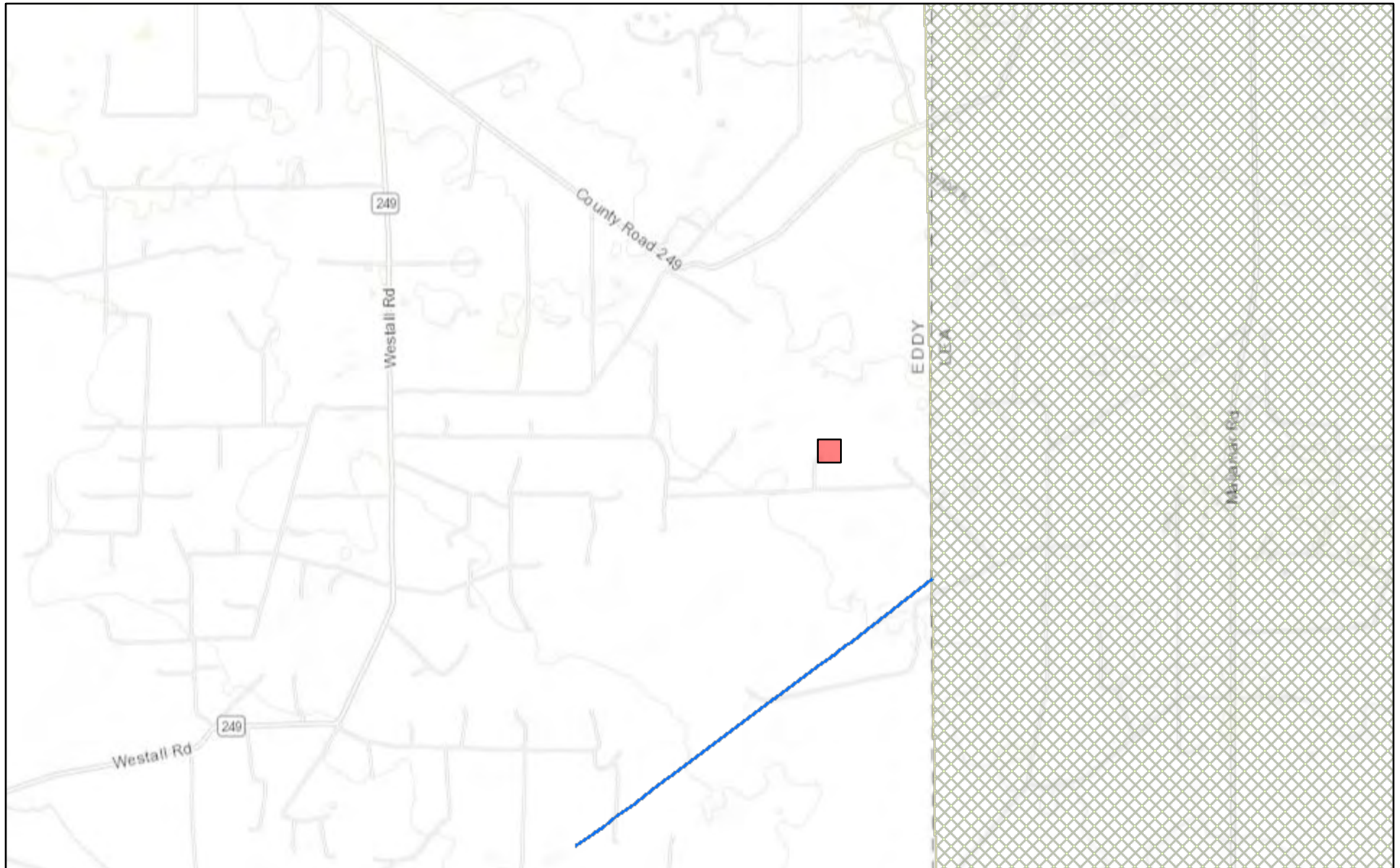
- [Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

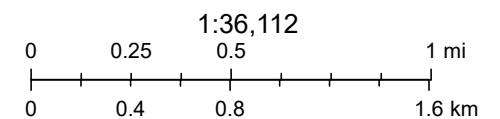


Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2022-12-12 17:03:39 EST
0.27 0.24 nadww01

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,

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

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

APPENDIX E

CARMONA RESOURCES





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/16/2022 8:53:21 AM

JOB DESCRIPTION

Nervous Horz Com #3H (11.27.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-22627-1

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
12/16/2022 8:53:21 AM

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

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Laboratory Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	25
Lab Chronicle	29
Certification Summary	35
Method Summary	36
Sample Summary	37
Chain of Custody	38
Receipt Checklists	40

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Job ID: 880-22627-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-22627-1****Receipt**

The samples were received on 12/13/2022 10:45 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 3.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-3") (880-22627-1), S-1 (6") (880-22627-2), S-1 (12") (880-22627-3), S-1 (18") (880-22627-4), S-1 (2') (880-22627-5), S-1 (3') (880-22627-6), S-2 (0-3") (880-22627-7), S-2 (6") (880-22627-8), S-2 (12") (880-22627-9), S-2 (18") (880-22627-10), S-2 (2') (880-22627-11), S-2 (3') (880-22627-12), S-3 (0-3") (880-22627-13), S-3 (6") (880-22627-14), S-3 (12") (880-22627-15), S-3 (18") (880-22627-16) and S-3 (2') (880-22627-17).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-41765 and analytical batch 880-41865 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (0-3") (880-22627-7). 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 (12") (880-22627-9) and S-3 (2') (880-22627-17). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-41765 and analytical batch 880-41865 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA

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

HPLC/IC

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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22627-1

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0302		0.0202		mg/Kg		12/13/22 15:23	12/16/22 01:49	10
Toluene	0.0549		0.0202		mg/Kg		12/13/22 15:23	12/16/22 01:49	10
Ethylbenzene	0.0233		0.0202		mg/Kg		12/13/22 15:23	12/16/22 01:49	10
m-Xylene & p-Xylene	0.0635		0.0403		mg/Kg		12/13/22 15:23	12/16/22 01:49	10
o-Xylene	0.0650		0.0202		mg/Kg		12/13/22 15:23	12/16/22 01:49	10
Xylenes, Total	0.129		0.0403		mg/Kg		12/13/22 15:23	12/16/22 01:49	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/13/22 15:23	12/16/22 01:49	10
1,4-Difluorobenzene (Surr)	109		70 - 130	12/13/22 15:23	12/16/22 01:49	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.237		0.0403		mg/Kg			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	323		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 10:51	1
Diesel Range Organics (Over C10-C28)	323		50.0		mg/Kg		12/13/22 12:01	12/14/22 10:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 10:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				12/13/22 12:01	12/14/22 10:51	1
o-Terphenyl	103		70 - 130				12/13/22 12:01	12/14/22 10:51	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.6		5.05		mg/Kg			12/14/22 13:21	1

Client Sample ID: S-1 (6")

Lab Sample ID: 880-22627-2

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:42	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:42	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:42	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		12/13/22 15:23	12/15/22 22:42	1
o-Xylene	<0.00200	U F2 F1	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:42	1
Xylenes, Total	<0.00399	U F2 F1	0.00399		mg/Kg		12/13/22 15:23	12/15/22 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/13/22 15:23	12/15/22 22:42	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/13/22 15:23	12/15/22 22:42	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (6")

Lab Sample ID: 880-22627-2

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	61.1		49.9		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 11:57	1
Diesel Range Organics (Over C10-C28)	61.1		49.9		mg/Kg		12/13/22 12:01	12/14/22 11:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 11:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				12/13/22 12:01	12/14/22 11:57	1
o-Terphenyl	102		70 - 130				12/13/22 12:01	12/14/22 11:57	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.8		4.95		mg/Kg			12/14/22 13:27	1

Client Sample ID: S-1 (12")

Lab Sample ID: 880-22627-3

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 00:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/13/22 15:23	12/16/22 00:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/13/22 15:23	12/16/22 00:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/13/22 15:23	12/16/22 00:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/13/22 15:23	12/16/22 00:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/13/22 15:23	12/16/22 00:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				12/13/22 15:23	12/16/22 00:05	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/13/22 15:23	12/16/22 00:05	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	118		49.9		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 12:18	1
Diesel Range Organics (Over C10-C28)	118		49.9		mg/Kg		12/13/22 12:01	12/14/22 12:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (12")

Lab Sample ID: 880-22627-3

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 12:01	12/14/22 12:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				12/13/22 12:01	12/14/22 12:18	1
o-Terphenyl	106		70 - 130				12/13/22 12:01	12/14/22 12:18	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		5.03		mg/Kg			12/14/22 13:34	1

Client Sample ID: S-1 (18")

Lab Sample ID: 880-22627-4

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 00:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 00:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 00:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 00:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 00:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/13/22 15:23	12/16/22 00:26	1
1,4-Difluorobenzene (Surr)	104		70 - 130				12/13/22 15:23	12/16/22 00:26	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.4		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 12:40	1
Diesel Range Organics (Over C10-C28)	82.4		50.0		mg/Kg		12/13/22 12:01	12/14/22 12:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 12:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				12/13/22 12:01	12/14/22 12:40	1
o-Terphenyl	119		70 - 130				12/13/22 12:01	12/14/22 12:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.2		5.01		mg/Kg			12/14/22 13:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-22627-5

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 00:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 00:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 00:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 00:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 00:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	12/13/22 15:23	12/16/22 00:46	1
1,4-Difluorobenzene (Surr)	105		70 - 130	12/13/22 15:23	12/16/22 00:46	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			12/16/22 09:39	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			12/15/22 10:53	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		12/13/22 12:01	12/14/22 13:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 13:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 13:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	12/13/22 12:01	12/14/22 13:02	1
o-Terphenyl	108		70 - 130	12/13/22 12:01	12/14/22 13:02	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.2		5.00		mg/Kg			12/14/22 14:00	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-22627-6

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 01:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/13/22 15:23	12/16/22 01:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/13/22 15:23	12/16/22 01:07	1
m-Xylene & p-Xylene	0.00680		0.00402		mg/Kg		12/13/22 15:23	12/16/22 01:07	1
o-Xylene	0.00813		0.00201		mg/Kg		12/13/22 15:23	12/16/22 01:07	1
Xylenes, Total	0.0149		0.00402		mg/Kg		12/13/22 15:23	12/16/22 01:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/13/22 15:23	12/16/22 01:07	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/13/22 15:23	12/16/22 01:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-22627-6

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0149		0.00402		mg/Kg			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	236		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 13:24	1
Diesel Range Organics (Over C10-C28)	236		50.0		mg/Kg		12/13/22 12:01	12/14/22 13:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 13:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				12/13/22 12:01	12/14/22 13:24	1
o-Terphenyl	120		70 - 130				12/13/22 12:01	12/14/22 13:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.1		4.96		mg/Kg			12/14/22 14:07	1

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

Lab Sample ID: 880-22627-7

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 01:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 01:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 01:28	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/13/22 15:23	12/16/22 01:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 01:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/13/22 15:23	12/16/22 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				12/13/22 15:23	12/16/22 01:28	1
1,4-Difluorobenzene (Surr)	65	S1-	70 - 130				12/13/22 15:23	12/16/22 01:28	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	103		49.9		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 13:47	1
Diesel Range Organics (Over C10-C28)	103		49.9		mg/Kg		12/13/22 12:01	12/14/22 13:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22627-7

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 12:01	12/14/22 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				12/13/22 12:01	12/14/22 13:47	1
o-Terphenyl	104		70 - 130				12/13/22 12:01	12/14/22 13:47	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		4.96		mg/Kg			12/14/22 14:20	1

Client Sample ID: S-2 (6")

Lab Sample ID: 880-22627-8

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 03:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 03:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 03:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 03:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 03:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				12/13/22 15:23	12/16/22 03:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/13/22 15:23	12/16/22 03:14	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	68.6		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 14:08	1
Diesel Range Organics (Over C10-C28)	68.6		50.0		mg/Kg		12/13/22 12:01	12/14/22 14:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				12/13/22 12:01	12/14/22 14:08	1
o-Terphenyl	110		70 - 130				12/13/22 12:01	12/14/22 14:08	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.4		4.95		mg/Kg			12/14/22 14:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (12")

Lab Sample ID: 880-22627-9

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 03:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/13/22 15:23	12/16/22 03:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/13/22 15:23	12/16/22 03:34	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/13/22 15:23	12/16/22 03:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/13/22 15:23	12/16/22 03:34	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/13/22 15:23	12/16/22 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	51	S1-	70 - 130	12/13/22 15:23	12/16/22 03:34	1
1,4-Difluorobenzene (Surr)	74		70 - 130	12/13/22 15:23	12/16/22 03:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.1		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 14:30	1
Diesel Range Organics (Over C10-C28)	50.1		50.0		mg/Kg		12/13/22 12:01	12/14/22 14:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	12/13/22 12:01	12/14/22 14:30	1
o-Terphenyl	116		70 - 130	12/13/22 12:01	12/14/22 14:30	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.9		5.05		mg/Kg			12/14/22 14:47	1

Client Sample ID: S-2 (18")

Lab Sample ID: 880-22627-10

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 03:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/16/22 03:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/16/22 03:55	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		12/13/22 15:23	12/16/22 03:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/16/22 03:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		12/13/22 15:23	12/16/22 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/13/22 15:23	12/16/22 03:55	1
1,4-Difluorobenzene (Surr)	72		70 - 130	12/13/22 15:23	12/16/22 03:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (18")

Lab Sample ID: 880-22627-10

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	513		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 14:53	1
Diesel Range Organics (Over C10-C28)	424		50.0		mg/Kg		12/13/22 12:01	12/14/22 14:53	1
Oil Range Organics (Over C28-C36)	88.7		50.0		mg/Kg		12/13/22 12:01	12/14/22 14:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				12/13/22 12:01	12/14/22 14:53	1
o-Terphenyl	102		70 - 130				12/13/22 12:01	12/14/22 14:53	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.0		5.03		mg/Kg			12/14/22 14:53	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-22627-11

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 04:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 04:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 04:16	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/13/22 15:23	12/16/22 04:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 04:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/13/22 15:23	12/16/22 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				12/13/22 15:23	12/16/22 04:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/13/22 15:23	12/16/22 04:16	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67.3		49.9		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 15:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-22627-11

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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)	67.3		49.9		mg/Kg		12/13/22 12:01	12/14/22 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				12/13/22 12:01	12/14/22 15:36	1
o-Terphenyl	98		70 - 130				12/13/22 12:01	12/14/22 15:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.1		5.01		mg/Kg			12/14/22 15:13	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-22627-12

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 04:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/16/22 04:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/16/22 04:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/13/22 15:23	12/16/22 04:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/16/22 04:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/13/22 15:23	12/16/22 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/13/22 15:23	12/16/22 04:37	1
1,4-Difluorobenzene (Surr)	99		70 - 130				12/13/22 15:23	12/16/22 04:37	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	81.0		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 15:58	1
Diesel Range Organics (Over C10-C28)	81.0		50.0		mg/Kg		12/13/22 12:01	12/14/22 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 15:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				12/13/22 12:01	12/14/22 15:58	1
o-Terphenyl	113		70 - 130				12/13/22 12:01	12/14/22 15:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.5		5.01		mg/Kg			12/14/22 15:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22627-13

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 04:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 04:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 04:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 04:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 04:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 04:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/13/22 15:23	12/16/22 04:57	1
1,4-Difluorobenzene (Surr)	105		70 - 130	12/13/22 15:23	12/16/22 04:57	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	67.3		49.9		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 16:21	1
Diesel Range Organics (Over C10-C28)	67.3		49.9		mg/Kg		12/13/22 12:01	12/14/22 16:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	12/13/22 12:01	12/14/22 16:21	1
o-Terphenyl	85		70 - 130	12/13/22 12:01	12/14/22 16:21	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	64.5		5.02		mg/Kg			12/14/22 15:27	1

Client Sample ID: S-3 (6")

Lab Sample ID: 880-22627-14

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 05:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 05:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 05:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 05:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 05:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 05:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/13/22 15:23	12/16/22 05:18	1
1,4-Difluorobenzene (Surr)	102		70 - 130	12/13/22 15:23	12/16/22 05:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (6")

Lab Sample ID: 880-22627-14

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	118		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 16:43	1
Diesel Range Organics (Over C10-C28)	118		50.0		mg/Kg		12/13/22 12:01	12/14/22 16:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				12/13/22 12:01	12/14/22 16:43	1
o-Terphenyl	94		70 - 130				12/13/22 12:01	12/14/22 16:43	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		5.00		mg/Kg			12/14/22 15:33	1

Client Sample ID: S-3 (12")

Lab Sample ID: 880-22627-15

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 05:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/13/22 15:23	12/16/22 05:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/13/22 15:23	12/16/22 05:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/13/22 15:23	12/16/22 05:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/13/22 15:23	12/16/22 05:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/13/22 15:23	12/16/22 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/13/22 15:23	12/16/22 05:39	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/13/22 15:23	12/16/22 05:39	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			12/16/22 09:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	90.1		50.0		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 17:05	1
Diesel Range Organics (Over C10-C28)	90.1		50.0		mg/Kg		12/13/22 12:01	12/14/22 17:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (12")

Lab Sample ID: 880-22627-15

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 12:01	12/14/22 17:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				12/13/22 12:01	12/14/22 17:05	1
o-Terphenyl	116		70 - 130				12/13/22 12:01	12/14/22 17:05	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.3		4.97		mg/Kg			12/14/22 15:40	1

Client Sample ID: S-3 (18")

Lab Sample ID: 880-22627-16

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 06:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 06:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 06:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/13/22 15:23	12/16/22 06:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/13/22 15:23	12/16/22 06:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/13/22 15:23	12/16/22 06:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				12/13/22 15:23	12/16/22 06:00	1
1,4-Difluorobenzene (Surr)	100		70 - 130				12/13/22 15:23	12/16/22 06:00	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			12/16/22 09:39	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			12/15/22 10:53	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		12/13/22 12:01	12/14/22 17:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 17:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 17:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				12/13/22 12:01	12/14/22 17:27	1
o-Terphenyl	102		70 - 130				12/13/22 12:01	12/14/22 17:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4		4.99		mg/Kg			12/14/22 15:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-22627-17

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 15:23	12/16/22 06:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 06:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 06:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 06:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 15:23	12/16/22 06:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 15:23	12/16/22 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	45	S1-	70 - 130	12/13/22 15:23	12/16/22 06:20	1
1,4-Difluorobenzene (Surr)	76		70 - 130	12/13/22 15:23	12/16/22 06:20	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			12/16/22 09:39	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			12/15/22 10:53	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		12/13/22 12:01	12/14/22 17:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 17:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 17:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	12/13/22 12:01	12/14/22 17:49	1
o-Terphenyl	116		70 - 130	12/13/22 12:01	12/14/22 17:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.1		5.03		mg/Kg			12/14/22 15:53	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-22627-1	S-1 (0-3")	113	109
880-22627-2	S-1 (6")	111	92
880-22627-2 MS	S-1 (6")	88	73
880-22627-2 MSD	S-1 (6")	114	76
880-22627-3	S-1 (12")	116	89
880-22627-4	S-1 (18")	106	104
880-22627-5	S-1 (2')	108	105
880-22627-6	S-1 (3')	111	98
880-22627-7	S-2 (0-3")	73	65 S1-
880-22627-8	S-2 (6")	105	95
880-22627-9	S-2 (12")	51 S1-	74
880-22627-10	S-2 (18")	106	72
880-22627-11	S-2 (2')	111	97
880-22627-12	S-2 (3')	108	99
880-22627-13	S-3 (0-3")	112	105
880-22627-14	S-3 (6")	106	102
880-22627-15	S-3 (12")	115	94
880-22627-16	S-3 (18")	116	100
880-22627-17	S-3 (2')	45 S1-	76
LCS 880-41765/1-A	Lab Control Sample	101	98
LCSD 880-41765/2-A	Lab Control Sample Dup	102	93
MB 880-41759/5-A	Method Blank	98	86
MB 880-41765/5-A	Method Blank	94	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-22627-1	S-1 (0-3")	98	103
880-22627-1 MS	S-1 (0-3")	90	87
880-22627-1 MSD	S-1 (0-3")	89	86
880-22627-2	S-1 (6")	98	102
880-22627-3	S-1 (12")	101	106
880-22627-4	S-1 (18")	114	119
880-22627-5	S-1 (2')	102	108
880-22627-6	S-1 (3')	116	120
880-22627-7	S-2 (0-3")	99	104
880-22627-8	S-2 (6")	104	110
880-22627-9	S-2 (12")	111	116
880-22627-10	S-2 (18")	96	102
880-22627-11	S-2 (2')	91	98
880-22627-12	S-2 (3')	109	113
880-22627-13	S-3 (0-3")	80	85
880-22627-14	S-3 (6")	90	94

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-22627-15	S-3 (12")	113	116
880-22627-16	S-3 (18")	97	102
880-22627-17	S-3 (2')	113	116
LCS 880-41741/2-A	Lab Control Sample	91	98
LCSD 880-41741/3-A	Lab Control Sample Dup	106	112
MB 880-41741/1-A	Method Blank	116	125
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-41759/5-A

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41759

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/13/22 13:43	12/15/22 11:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/13/22 13:43	12/15/22 11:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/13/22 13:43	12/15/22 11:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/13/22 13:43	12/15/22 11:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/13/22 13:43	12/15/22 11:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/13/22 13:43	12/15/22 11:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	12/13/22 13:43	12/15/22 11:39	1
1,4-Difluorobenzene (Surr)	86		70 - 130	12/13/22 13:43	12/15/22 11:39	1

Lab Sample ID: MB 880-41765/5-A

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/13/22 15:23	12/15/22 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/13/22 15:23	12/15/22 22:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/13/22 15:23	12/15/22 22:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	12/13/22 15:23	12/15/22 22:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/13/22 15:23	12/15/22 22:20	1

Lab Sample ID: LCS 880-41765/1-A

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09473		mg/Kg		95	70 - 130
Toluene	0.100	0.08692		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.08320		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1830		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09306		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-41765/2-A

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41765

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1009		mg/Kg		101	70 - 130	6	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-41765/2-A

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41765

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09311		mg/Kg		93	70 - 130	7	35
Ethylbenzene	0.100	0.09067		mg/Kg		91	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1981		mg/Kg		99	70 - 130	8	35
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-22627-2 MS

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: S-1 (6")

Prep Type: Total/NA

Prep Batch: 41765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.03568	F1	mg/Kg		36	70 - 130
Toluene	<0.00200	U F1	0.100	0.05412	F1	mg/Kg		53	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06312	F1	mg/Kg		63	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.201	0.1133	F1	mg/Kg		56	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.05598	F1	mg/Kg		55	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	73		70 - 130

Lab Sample ID: 880-22627-2 MSD

Matrix: Solid

Analysis Batch: 41865

Client Sample ID: S-1 (6")

Prep Type: Total/NA

Prep Batch: 41765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.0990	0.04661	F1	mg/Kg		47	70 - 130	27	35
Toluene	<0.00200	U F1	0.0990	0.06320	F1	mg/Kg		63	70 - 130	15	35
Ethylbenzene	<0.00200	U F1	0.0990	0.07624		mg/Kg		77	70 - 130	19	35
m-Xylene & p-Xylene	<0.00399	U F1	0.198	0.1621		mg/Kg		82	70 - 130	35	35
o-Xylene	<0.00200	U F2 F1	0.0990	0.08291	F2	mg/Kg		83	70 - 130	39	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	76		70 - 130

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

Lab Sample ID: MB 880-41741/1-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41741

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		12/13/22 12:01	12/14/22 08:16	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-41741/1-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41741

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		12/13/22 12:01	12/14/22 08:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 08:16	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				12/13/22 12:01	12/14/22 08:16	1
o-Terphenyl	125		70 - 130				12/13/22 12:01	12/14/22 08:16	1

Lab Sample ID: LCS 880-41741/2-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41741

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	842.9		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	831.5		mg/Kg		83	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	91		70 - 130				
o-Terphenyl	98		70 - 130				

Lab Sample ID: LCSD 880-41741/3-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41741

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	857.4		mg/Kg		86	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	963.8		mg/Kg		96	70 - 130	15	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	106		70 - 130						
o-Terphenyl	112		70 - 130						

Lab Sample ID: 880-22627-1 MS

Matrix: Solid

Analysis Batch: 41776

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

Prep Type: Total/NA

Prep Batch: 41741

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	919.4		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	323		999	1135		mg/Kg		81	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	90		70 - 130						
o-Terphenyl	87		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22627-1 MSD

Matrix: Solid

Analysis Batch: 41776

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

Prep Type: Total/NA

Prep Batch: 41741

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	909.4		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	323		997	1113		mg/Kg		79	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	89		70 - 130								
o-Terphenyl	86		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41744/1-A

Matrix: Solid

Analysis Batch: 41856

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			12/14/22 12:34	1

Lab Sample ID: LCS 880-41744/2-A

Matrix: Solid

Analysis Batch: 41856

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-41744/3-A

Matrix: Solid

Analysis Batch: 41856

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	1	20

Lab Sample ID: 880-22627-8 MS

Matrix: Solid

Analysis Batch: 41856

Client Sample ID: S-2 (6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	42.4		248	295.6		mg/Kg		102	90 - 110

Lab Sample ID: 880-22627-8 MSD

Matrix: Solid

Analysis Batch: 41856

Client Sample ID: S-2 (6")

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	42.4		248	299.1		mg/Kg		104	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 41759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-41759/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 41765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Total/NA	Solid	5035	
880-22627-2	S-1 (6")	Total/NA	Solid	5035	
880-22627-3	S-1 (12")	Total/NA	Solid	5035	
880-22627-4	S-1 (18")	Total/NA	Solid	5035	
880-22627-5	S-1 (2')	Total/NA	Solid	5035	
880-22627-6	S-1 (3')	Total/NA	Solid	5035	
880-22627-7	S-2 (0-3")	Total/NA	Solid	5035	
880-22627-8	S-2 (6")	Total/NA	Solid	5035	
880-22627-9	S-2 (12")	Total/NA	Solid	5035	
880-22627-10	S-2 (18")	Total/NA	Solid	5035	
880-22627-11	S-2 (2')	Total/NA	Solid	5035	
880-22627-12	S-2 (3')	Total/NA	Solid	5035	
880-22627-13	S-3 (0-3")	Total/NA	Solid	5035	
880-22627-14	S-3 (6")	Total/NA	Solid	5035	
880-22627-15	S-3 (12")	Total/NA	Solid	5035	
880-22627-16	S-3 (18")	Total/NA	Solid	5035	
880-22627-17	S-3 (2')	Total/NA	Solid	5035	
MB 880-41765/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41765/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41765/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22627-2 MS	S-1 (6")	Total/NA	Solid	5035	
880-22627-2 MSD	S-1 (6")	Total/NA	Solid	5035	

Analysis Batch: 41865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Total/NA	Solid	8021B	41765
880-22627-2	S-1 (6")	Total/NA	Solid	8021B	41765
880-22627-3	S-1 (12")	Total/NA	Solid	8021B	41765
880-22627-4	S-1 (18")	Total/NA	Solid	8021B	41765
880-22627-5	S-1 (2')	Total/NA	Solid	8021B	41765
880-22627-6	S-1 (3')	Total/NA	Solid	8021B	41765
880-22627-7	S-2 (0-3")	Total/NA	Solid	8021B	41765
880-22627-8	S-2 (6")	Total/NA	Solid	8021B	41765
880-22627-9	S-2 (12")	Total/NA	Solid	8021B	41765
880-22627-10	S-2 (18")	Total/NA	Solid	8021B	41765
880-22627-11	S-2 (2')	Total/NA	Solid	8021B	41765
880-22627-12	S-2 (3')	Total/NA	Solid	8021B	41765
880-22627-13	S-3 (0-3")	Total/NA	Solid	8021B	41765
880-22627-14	S-3 (6")	Total/NA	Solid	8021B	41765
880-22627-15	S-3 (12")	Total/NA	Solid	8021B	41765
880-22627-16	S-3 (18")	Total/NA	Solid	8021B	41765
880-22627-17	S-3 (2')	Total/NA	Solid	8021B	41765
MB 880-41759/5-A	Method Blank	Total/NA	Solid	8021B	41759
MB 880-41765/5-A	Method Blank	Total/NA	Solid	8021B	41765
LCS 880-41765/1-A	Lab Control Sample	Total/NA	Solid	8021B	41765
LCSD 880-41765/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41765
880-22627-2 MS	S-1 (6")	Total/NA	Solid	8021B	41765

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 41865 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-2 MSD	S-1 (6")	Total/NA	Solid	8021B	41765

Analysis Batch: 42003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-22627-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-22627-3	S-1 (12")	Total/NA	Solid	Total BTEX	
880-22627-4	S-1 (18")	Total/NA	Solid	Total BTEX	
880-22627-5	S-1 (2')	Total/NA	Solid	Total BTEX	
880-22627-6	S-1 (3')	Total/NA	Solid	Total BTEX	
880-22627-7	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-22627-8	S-2 (6")	Total/NA	Solid	Total BTEX	
880-22627-9	S-2 (12")	Total/NA	Solid	Total BTEX	
880-22627-10	S-2 (18")	Total/NA	Solid	Total BTEX	
880-22627-11	S-2 (2')	Total/NA	Solid	Total BTEX	
880-22627-12	S-2 (3')	Total/NA	Solid	Total BTEX	
880-22627-13	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-22627-14	S-3 (6")	Total/NA	Solid	Total BTEX	
880-22627-15	S-3 (12")	Total/NA	Solid	Total BTEX	
880-22627-16	S-3 (18")	Total/NA	Solid	Total BTEX	
880-22627-17	S-3 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 41741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-22627-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-22627-3	S-1 (12")	Total/NA	Solid	8015NM Prep	
880-22627-4	S-1 (18")	Total/NA	Solid	8015NM Prep	
880-22627-5	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-22627-6	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-22627-7	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-22627-8	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-22627-9	S-2 (12")	Total/NA	Solid	8015NM Prep	
880-22627-10	S-2 (18")	Total/NA	Solid	8015NM Prep	
880-22627-11	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-22627-12	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-22627-13	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-22627-14	S-3 (6")	Total/NA	Solid	8015NM Prep	
880-22627-15	S-3 (12")	Total/NA	Solid	8015NM Prep	
880-22627-16	S-3 (18")	Total/NA	Solid	8015NM Prep	
880-22627-17	S-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-41741/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41741/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41741/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22627-1 MS	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-22627-1 MSD	S-1 (0-3")	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 41776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Total/NA	Solid	8015B NM	41741
880-22627-2	S-1 (6")	Total/NA	Solid	8015B NM	41741
880-22627-3	S-1 (12")	Total/NA	Solid	8015B NM	41741
880-22627-4	S-1 (18")	Total/NA	Solid	8015B NM	41741
880-22627-5	S-1 (2')	Total/NA	Solid	8015B NM	41741
880-22627-6	S-1 (3')	Total/NA	Solid	8015B NM	41741
880-22627-7	S-2 (0-3")	Total/NA	Solid	8015B NM	41741
880-22627-8	S-2 (6")	Total/NA	Solid	8015B NM	41741
880-22627-9	S-2 (12")	Total/NA	Solid	8015B NM	41741
880-22627-10	S-2 (18")	Total/NA	Solid	8015B NM	41741
880-22627-11	S-2 (2')	Total/NA	Solid	8015B NM	41741
880-22627-12	S-2 (3')	Total/NA	Solid	8015B NM	41741
880-22627-13	S-3 (0-3")	Total/NA	Solid	8015B NM	41741
880-22627-14	S-3 (6")	Total/NA	Solid	8015B NM	41741
880-22627-15	S-3 (12")	Total/NA	Solid	8015B NM	41741
880-22627-16	S-3 (18")	Total/NA	Solid	8015B NM	41741
880-22627-17	S-3 (2')	Total/NA	Solid	8015B NM	41741
MB 880-41741/1-A	Method Blank	Total/NA	Solid	8015B NM	41741
LCS 880-41741/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41741
LCSD 880-41741/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41741
880-22627-1 MS	S-1 (0-3")	Total/NA	Solid	8015B NM	41741
880-22627-1 MSD	S-1 (0-3")	Total/NA	Solid	8015B NM	41741

Analysis Batch: 41903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-22627-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-22627-3	S-1 (12")	Total/NA	Solid	8015 NM	
880-22627-4	S-1 (18")	Total/NA	Solid	8015 NM	
880-22627-5	S-1 (2')	Total/NA	Solid	8015 NM	
880-22627-6	S-1 (3')	Total/NA	Solid	8015 NM	
880-22627-7	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-22627-8	S-2 (6")	Total/NA	Solid	8015 NM	
880-22627-9	S-2 (12")	Total/NA	Solid	8015 NM	
880-22627-10	S-2 (18")	Total/NA	Solid	8015 NM	
880-22627-11	S-2 (2')	Total/NA	Solid	8015 NM	
880-22627-12	S-2 (3')	Total/NA	Solid	8015 NM	
880-22627-13	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-22627-14	S-3 (6")	Total/NA	Solid	8015 NM	
880-22627-15	S-3 (12")	Total/NA	Solid	8015 NM	
880-22627-16	S-3 (18")	Total/NA	Solid	8015 NM	
880-22627-17	S-3 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-22627-2	S-1 (6")	Soluble	Solid	DI Leach	
880-22627-3	S-1 (12")	Soluble	Solid	DI Leach	
880-22627-4	S-1 (18")	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 41744 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-5	S-1 (2')	Soluble	Solid	DI Leach	
880-22627-6	S-1 (3')	Soluble	Solid	DI Leach	
880-22627-7	S-2 (0-3")	Soluble	Solid	DI Leach	
880-22627-8	S-2 (6")	Soluble	Solid	DI Leach	
880-22627-9	S-2 (12")	Soluble	Solid	DI Leach	
880-22627-10	S-2 (18")	Soluble	Solid	DI Leach	
880-22627-11	S-2 (2')	Soluble	Solid	DI Leach	
880-22627-12	S-2 (3')	Soluble	Solid	DI Leach	
880-22627-13	S-3 (0-3")	Soluble	Solid	DI Leach	
880-22627-14	S-3 (6")	Soluble	Solid	DI Leach	
880-22627-15	S-3 (12")	Soluble	Solid	DI Leach	
880-22627-16	S-3 (18")	Soluble	Solid	DI Leach	
880-22627-17	S-3 (2')	Soluble	Solid	DI Leach	
MB 880-41744/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41744/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41744/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22627-8 MS	S-2 (6")	Soluble	Solid	DI Leach	
880-22627-8 MSD	S-2 (6")	Soluble	Solid	DI Leach	

Analysis Batch: 41856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22627-1	S-1 (0-3")	Soluble	Solid	300.0	41744
880-22627-2	S-1 (6")	Soluble	Solid	300.0	41744
880-22627-3	S-1 (12")	Soluble	Solid	300.0	41744
880-22627-4	S-1 (18")	Soluble	Solid	300.0	41744
880-22627-5	S-1 (2')	Soluble	Solid	300.0	41744
880-22627-6	S-1 (3')	Soluble	Solid	300.0	41744
880-22627-7	S-2 (0-3")	Soluble	Solid	300.0	41744
880-22627-8	S-2 (6")	Soluble	Solid	300.0	41744
880-22627-9	S-2 (12")	Soluble	Solid	300.0	41744
880-22627-10	S-2 (18")	Soluble	Solid	300.0	41744
880-22627-11	S-2 (2')	Soluble	Solid	300.0	41744
880-22627-12	S-2 (3')	Soluble	Solid	300.0	41744
880-22627-13	S-3 (0-3")	Soluble	Solid	300.0	41744
880-22627-14	S-3 (6")	Soluble	Solid	300.0	41744
880-22627-15	S-3 (12")	Soluble	Solid	300.0	41744
880-22627-16	S-3 (18")	Soluble	Solid	300.0	41744
880-22627-17	S-3 (2')	Soluble	Solid	300.0	41744
MB 880-41744/1-A	Method Blank	Soluble	Solid	300.0	41744
LCS 880-41744/2-A	Lab Control Sample	Soluble	Solid	300.0	41744
LCSD 880-41744/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41744
880-22627-8 MS	S-2 (6")	Soluble	Solid	300.0	41744
880-22627-8 MSD	S-2 (6")	Soluble	Solid	300.0	41744

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22627-1

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	41865	12/16/22 01:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 10:51	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 13:21	CH	EET MID

Client Sample ID: S-1 (6")

Lab Sample ID: 880-22627-2

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/15/22 22:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 11:57	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 13:27	CH	EET MID

Client Sample ID: S-1 (12")

Lab Sample ID: 880-22627-3

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 12:18	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 13:34	CH	EET MID

Client Sample ID: S-1 (18")

Lab Sample ID: 880-22627-4

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 00:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (18")

Lab Sample ID: 880-22627-4

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 12:40	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 13:54	CH	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-22627-5

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 00:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 13:02	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:00	CH	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-22627-6

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 01:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 13:24	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:07	CH	EET MID

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

Lab Sample ID: 880-22627-7

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 01:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 13:47	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22627-7

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:20	CH	EET MID

Client Sample ID: S-2 (6")

Lab Sample ID: 880-22627-8

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 03:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 14:08	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:27	CH	EET MID

Client Sample ID: S-2 (12")

Lab Sample ID: 880-22627-9

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 03:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 14:30	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:47	CH	EET MID

Client Sample ID: S-2 (18")

Lab Sample ID: 880-22627-10

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 03:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 14:53	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:53	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-22627-11

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 04:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 15:36	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:13	CH	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-22627-12

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 04:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 15:58	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:20	CH	EET MID

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

Lab Sample ID: 880-22627-13

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 04:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 16:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:27	CH	EET MID

Client Sample ID: S-3 (6")

Lab Sample ID: 880-22627-14

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 05:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (6")

Date Collected: 12/12/22 00:00

Date Received: 12/13/22 10:45

Lab Sample ID: 880-22627-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 16:43	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:33	CH	EET MID

Client Sample ID: S-3 (12")

Date Collected: 12/12/22 00:00

Date Received: 12/13/22 10:45

Lab Sample ID: 880-22627-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 17:05	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:40	CH	EET MID

Client Sample ID: S-3 (18")

Date Collected: 12/12/22 00:00

Date Received: 12/13/22 10:45

Lab Sample ID: 880-22627-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 06:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 17:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:46	CH	EET MID

Client Sample ID: S-3 (2')

Date Collected: 12/12/22 00:00

Date Received: 12/13/22 10:45

Lab Sample ID: 880-22627-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	41765	12/13/22 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41865	12/16/22 06:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42003	12/16/22 09:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			41903	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 17:49	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22627-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (2')
Date Collected: 12/12/22 00:00
Date Received: 12/13/22 10:45

Lab Sample ID: 880-22627-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.97 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 15:53	CH	EET MID

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Eurofins Midland

Method Summary

Client: Carmona Resources

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

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

Job ID: 880-22627-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22627-1	S-1 (0-3")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-2	S-1 (6")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-3	S-1 (12")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-4	S-1 (18")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-5	S-1 (2')	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-6	S-1 (3')	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-7	S-2 (0-3")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-8	S-2 (6")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-9	S-2 (12")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-10	S-2 (18")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-11	S-2 (2')	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-12	S-2 (3')	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-13	S-3 (0-3")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-14	S-3 (6")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-15	S-3 (12")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-16	S-3 (18")	Solid	12/12/22 00:00	12/13/22 10:45
880-22627-17	S-3 (2')	Solid	12/12/22 00:00	12/13/22 10:45

Work Order No: 226071

Page 1 of 2

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

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

Project Name	Nervous Horz Com #3H (11 27 22)	Turn Around	☐ Routine ☒ Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number	1201	Due Date	48 Hrs													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	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
S-1 (0-3")	12/12/2022		X		G	1	BTEX 8021B										402
S-1 (6")	12/12/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)										
S-1 (12")	12/12/2022		X		G	1	Chloride 300.0										
S-1 (18")	12/12/2022		X		G	1											
S-1 (2)	12/12/2022		X		G	1											
S-1 (3)	12/12/2022		X		G	1											
S-2 (0-3")	12/12/2022		X		G	1											
S-2 (6")	12/12/2022		X		G	1											
S-2 (12")	12/12/2022		X		G	1											
S-2 (18")	12/12/2022		X		G	1											

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



880-22627 Chain of Custody

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	12/13/22 1045		

Work Order No: 22627

Page 2 of 2

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

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

Project Name	Nervous Horiz Com #3H (11 27 22)		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number	1201	☐ Routine	☒ Rush	48 Hrs														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	Thermometer ID	Wet Ice	Yes	No													H ₃ PO ₄ HP	
Received Intact	Yes		No		Correction Factor													NaHSO ₄ NABIS							
Cooler Custody Seals	Yes		No	N/A	Temperature Reading													Na ₂ S ₂ O ₃ NaSO ₃							
Sample Custody Seals	Yes		No	N/A	Corrected Temperature													Zn Acetate+NaOH Zn							
Total Containers																		NaOH+Ascorbic Acid SAPC							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments	
S-2 (2)	12/12/2022		X		G	1	BTEX 8021B												Loc: 880 22627	
S-2 (3)	12/12/2022		X		G	1	TPH 8015M (GRO + DRO + MRO)													
S-3 (0-3")	12/12/2022		X		G	1	Chloride 300.0													
S-3 (6")	12/12/2022		X		G	1														
S-3 (12")	12/12/2022		X		G	1														
S-3 (18")	12/12/2022		X		G	1														
S-3 (2)	12/12/2022		X		G	1														

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

Relinquished by: (Signature)		Date/Time	Received by: (Signature)		Date/Time
		12/13/22			
		1045			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-22627-1

SDG Number: Eddy County, New Mexico

Login Number: 22627

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/15/2022 2:27:58 PM

JOB DESCRIPTION

Nervous Horz Com #3H (11.27.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-22624-1

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
12/15/2022 2:27:58 PM

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

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Laboratory Job ID: 880-22624-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receipt Checklists	21

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources

Job ID: 880-22624-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

Job ID: 880-22624-1

Laboratory: Eurofins Midland

Narrative

**Job Narrative
880-22624-1**

Receipt

The samples were received on 12/13/2022 10:45 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 3.6°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-6") (880-22624-1), H-2 (0-6") (880-22624-2) and H-3 (0-6") (880-22624-3).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-3 (0-6") (880-22624-3). 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

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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22624-1

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 13:22	12/14/22 13:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/13/22 13:22	12/14/22 13:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/13/22 13:22	12/14/22 13:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/13/22 13:22	12/14/22 13:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/13/22 13:22	12/14/22 13:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/13/22 13:22	12/14/22 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/13/22 13:22	12/14/22 13:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/13/22 13:22	12/14/22 13:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/14/22 14:05	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			12/15/22 10:53	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		12/13/22 12:01	12/14/22 18:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 18:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	12/13/22 12:01	12/14/22 18:11	1
o-Terphenyl	117		70 - 130	12/13/22 12:01	12/14/22 18:11	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.7		5.00		mg/Kg			12/14/22 12:54	1

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

Lab Sample ID: 880-22624-2

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 13:22	12/14/22 13:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/13/22 13:22	12/14/22 13:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/13/22 13:22	12/14/22 13:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/13/22 13:22	12/14/22 13:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/13/22 13:22	12/14/22 13:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/13/22 13:22	12/14/22 13:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/13/22 13:22	12/14/22 13:29	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/13/22 13:22	12/14/22 13:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22624-2

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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			12/14/22 14:05	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			12/15/22 10:53	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		12/13/22 12:01	12/14/22 18:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 18:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 18:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				12/13/22 12:01	12/14/22 18:33	1
o-Terphenyl	101		70 - 130				12/13/22 12:01	12/14/22 18:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.2		5.04		mg/Kg			12/14/22 13:14	1

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

Lab Sample ID: 880-22624-3

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 13:22	12/14/22 16:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/13/22 13:22	12/14/22 16:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/13/22 13:22	12/14/22 16:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/13/22 13:22	12/14/22 16:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/13/22 13:22	12/14/22 16:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/13/22 13:22	12/14/22 16:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	30	S1-	70 - 130				12/13/22 13:22	12/14/22 16:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130				12/13/22 13:22	12/14/22 16:27	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			12/14/22 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/15/22 10:53	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		12/13/22 12:01	12/14/22 18:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/13/22 12:01	12/14/22 18:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22624-3

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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		12/13/22 12:01	12/14/22 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	12/13/22 12:01	12/14/22 18:54	1
o-Terphenyl	105		70 - 130	12/13/22 12:01	12/14/22 18:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.5		5.03		mg/Kg			12/14/22 14:14	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
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)
880-22249-A-1-F MS	Matrix Spike	106	96
880-22249-A-1-G MSD	Matrix Spike Duplicate	99	93
880-22624-1	H-1 (0-6")	111	100
880-22624-2	H-2 (0-6")	109	100
880-22624-3	H-3 (0-6")	30 S1-	103
LCS 880-41731/1-A	Lab Control Sample	93	90
LCSD 880-41731/2-A	Lab Control Sample Dup	97	94
MB 880-41731/5-A	Method Blank	102	91
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-22624-1	H-1 (0-6")	114	117
880-22624-2	H-2 (0-6")	95	101
880-22624-3	H-3 (0-6")	99	105
880-22627-A-1-B MS	Matrix Spike	90	87
880-22627-A-1-C MSD	Matrix Spike Duplicate	89	86
LCS 880-41741/2-A	Lab Control Sample	91	98
LCSD 880-41741/3-A	Lab Control Sample Dup	106	112
MB 880-41741/1-A	Method Blank	116	125
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-41731/5-A

Matrix: Solid

Analysis Batch: 41784

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41731

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/13/22 10:59	12/14/22 11:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/13/22 10:59	12/14/22 11:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/13/22 10:59	12/14/22 11:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/13/22 10:59	12/14/22 11:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/13/22 10:59	12/14/22 11:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/13/22 10:59	12/14/22 11:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	12/13/22 10:59	12/14/22 11:03	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/13/22 10:59	12/14/22 11:03	1

Lab Sample ID: LCS 880-41731/1-A

Matrix: Solid

Analysis Batch: 41784

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41731

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09982		mg/Kg		100	70 - 130
Toluene	0.100	0.09417		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08987		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1951		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09613		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-41731/2-A

Matrix: Solid

Analysis Batch: 41784

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41731

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1034		mg/Kg		103	70 - 130	3	35
Toluene	0.100	0.09587		mg/Kg		96	70 - 130	2	35
Ethylbenzene	0.100	0.09272		mg/Kg		93	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2006		mg/Kg		100	70 - 130	3	35
o-Xylene	0.100	0.09897		mg/Kg		99	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-22249-A-1-F MS

Matrix: Solid

Analysis Batch: 41784

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41731

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07547		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.100	0.07112		mg/Kg		71	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22249-A-1-F MS

Matrix: Solid

Analysis Batch: 41784

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41731

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07125		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00401	U	0.201	0.1577		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.100	0.08037		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-22249-A-1-G MSD

Matrix: Solid

Analysis Batch: 41784

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41731

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.09035		mg/Kg		91	70 - 130	18	35
Toluene	<0.00200	U	0.0990	0.08427		mg/Kg		85	70 - 130	17	35
Ethylbenzene	<0.00200	U	0.0990	0.08013		mg/Kg		81	70 - 130	12	35
m-Xylene & p-Xylene	<0.00401	U	0.198	0.1746		mg/Kg		88	70 - 130	10	35
o-Xylene	<0.00200	U	0.0990	0.08823		mg/Kg		89	70 - 130	9	35

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

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

Lab Sample ID: MB 880-41741/1-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 41741

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		12/13/22 12:01	12/14/22 08:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 08:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/13/22 12:01	12/14/22 08:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	12/13/22 12:01	12/14/22 08:16	1
o-Terphenyl	125		70 - 130	12/13/22 12:01	12/14/22 08:16	1

Lab Sample ID: LCS 880-41741/2-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41741

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	842.9		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	1000	831.5		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-41741/2-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 41741

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	98		70 - 130

Lab Sample ID: LCSD 880-41741/3-A

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 41741

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	857.4		mg/Kg		86	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	963.8		mg/Kg		96	70 - 130	15	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	112		70 - 130

Lab Sample ID: 880-22627-A-1-B MS

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 41741

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	919.4		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	323		999	1135		mg/Kg		81	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	90		70 - 130
o-Terphenyl	87		70 - 130

Lab Sample ID: 880-22627-A-1-C MSD

Matrix: Solid

Analysis Batch: 41776

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 41741

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	909.4		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	323		997	1113		mg/Kg		79	70 - 130	2	20

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41744/1-A

Matrix: Solid

Analysis Batch: 41856

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			12/14/22 12:34	1

Lab Sample ID: LCS 880-41744/2-A

Matrix: Solid

Analysis Batch: 41856

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.1		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-41744/3-A

Matrix: Solid

Analysis Batch: 41856

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	1	20

Lab Sample ID: 880-22624-1 MS

Matrix: Solid

Analysis Batch: 41856

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.7		250	271.3		mg/Kg		99	90 - 110

Lab Sample ID: 880-22624-1 MSD

Matrix: Solid

Analysis Batch: 41856

Client Sample ID: H-1 (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	22.7		250	274.3		mg/Kg		101	90 - 110	1	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-22624-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 41731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Total/NA	Solid	5035	
880-22624-2	H-2 (0-6")	Total/NA	Solid	5035	
880-22624-3	H-3 (0-6")	Total/NA	Solid	5035	
MB 880-41731/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41731/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41731/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-22249-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-22249-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 41784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Total/NA	Solid	8021B	41731
880-22624-2	H-2 (0-6")	Total/NA	Solid	8021B	41731
880-22624-3	H-3 (0-6")	Total/NA	Solid	8021B	41731
MB 880-41731/5-A	Method Blank	Total/NA	Solid	8021B	41731
LCS 880-41731/1-A	Lab Control Sample	Total/NA	Solid	8021B	41731
LCSD 880-41731/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41731
880-22249-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	41731
880-22249-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	41731

Analysis Batch: 41838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-22624-2	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-22624-3	H-3 (0-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 41741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-22624-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-22624-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-41741/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41741/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41741/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-22627-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-22627-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 41776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Total/NA	Solid	8015B NM	41741
880-22624-2	H-2 (0-6")	Total/NA	Solid	8015B NM	41741
880-22624-3	H-3 (0-6")	Total/NA	Solid	8015B NM	41741
MB 880-41741/1-A	Method Blank	Total/NA	Solid	8015B NM	41741
LCS 880-41741/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41741
LCSD 880-41741/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41741
880-22627-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	41741
880-22627-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	41741

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

GC Semi VOA

Analysis Batch: 41904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-22624-2	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-22624-3	H-3 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-22624-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-22624-3	H-3 (0-6")	Soluble	Solid	DI Leach	
MB 880-41744/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41744/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41744/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-22624-1 MS	H-1 (0-6")	Soluble	Solid	DI Leach	
880-22624-1 MSD	H-1 (0-6")	Soluble	Solid	DI Leach	

Analysis Batch: 41856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22624-1	H-1 (0-6")	Soluble	Solid	300.0	41744
880-22624-2	H-2 (0-6")	Soluble	Solid	300.0	41744
880-22624-3	H-3 (0-6")	Soluble	Solid	300.0	41744
MB 880-41744/1-A	Method Blank	Soluble	Solid	300.0	41744
LCS 880-41744/2-A	Lab Control Sample	Soluble	Solid	300.0	41744
LCSD 880-41744/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41744
880-22624-1 MS	H-1 (0-6")	Soluble	Solid	300.0	41744
880-22624-1 MSD	H-1 (0-6")	Soluble	Solid	300.0	41744

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-22624-1

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41731	12/13/22 13:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41784	12/14/22 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41838	12/14/22 14:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			41904	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 18:11	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 12:54	CH	EET MID

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

Lab Sample ID: 880-22624-2

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

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	41731	12/13/22 13:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41784	12/14/22 13:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41838	12/14/22 14:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			41904	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 18:33	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 13:14	CH	EET MID

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

Lab Sample ID: 880-22624-3

Date Collected: 12/12/22 00:00

Matrix: Solid

Date Received: 12/13/22 10:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	41731	12/13/22 13:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41784	12/14/22 16:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			41838	12/14/22 16:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			41904	12/15/22 10:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	41741	12/13/22 12:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41776	12/14/22 18:54	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	41744	12/13/22 12:39	KS	EET MID
Soluble	Analysis	300.0		1			41856	12/14/22 14:14	CH	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-22624-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Eurofins Midland

Method Summary

Client: Carmona Resources

Job ID: 880-22624-1

Project/Site: Nervous Horz Com #3H (11.27.22)

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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-22624-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22624-1	H-1 (0-6")	Solid	12/12/22 00:00	12/13/22 10:45
880-22624-2	H-2 (0-6")	Solid	12/12/22 00:00	12/13/22 10:45
880-22624-3	H-3 (0-6")	Solid	12/12/22 00:00	12/13/22 10:45

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

[illegible]

Work Order No: 226024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-22624-1

SDG Number: Eddy County, New Mexico

Login Number: 22624

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

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

Generated 1/16/2023 4:40:42 PM

JOB DESCRIPTION

Nervous Horz Com #3H (11.27.22)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-23679-1

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
1/16/2023 4:40:42 PM

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

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Laboratory Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	25
QC Sample Results	27
QC Association Summary	36
Lab Chronicle	43
Certification Summary	51
Method Summary	52
Sample Summary	53
Chain of Custody	54
Receipt Checklists	57

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Job ID: 880-23679-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-23679-1

Receipt

The samples were received on 1/13/2023 2:37 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (3.5') (880-23679-1), CS-2 (3.5') (880-23679-2), CS-3 (3.5') (880-23679-3), CS-4 (3.5') (880-23679-4), CS-5 (2') (880-23679-5), CS-6 (2') (880-23679-6), CS-7 (2') (880-23679-7), CS-8 (2') (880-23679-8), CS-9 (2') (880-23679-9), CS-10 (1') (880-23679-10), CS-11 (1') (880-23679-11), CS-12 (1') (880-23679-12), CS-13 (1') (880-23679-13), CS-14 (3.5') (880-23679-14), SW-1 (3.5') (880-23679-15), SW-2 (3.5') (880-23679-16), SW-3 (3.5') (880-23679-17), SW-4 (3.5') (880-23679-18), SW-5 (2') (880-23679-19), SW-6 (2') (880-23679-20), SW-7 (1') (880-23679-21), SW-8 (1') (880-23679-22), SW-9 (1') (880-23679-23), SW-10 (3.5') (880-23679-24) and SW-11 (3.5') (880-23679-25).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-43914 and analytical batch 880-43862 were outside control limits for one or more analytes, see QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-43920 and analytical batch 880-43943 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: CS-2 (3.5') (880-23679-2), CS-3 (3.5') (880-23679-3), CS-4 (3.5') (880-23679-4), CS-5 (2') (880-23679-5), CS-6 (2') (880-23679-6), CS-7 (2') (880-23679-7), CS-8 (2') (880-23679-8), CS-10 (1') (880-23679-10), CS-11 (1') (880-23679-11), CS-12 (1') (880-23679-12), CS-13 (1') (880-23679-13), CS-14 (3.5') (880-23679-14), SW-1 (3.5') (880-23679-15), SW-2 (3.5') (880-23679-16), SW-3 (3.5') (880-23679-17), SW-4 (3.5') (880-23679-18), SW-5 (2') (880-23679-19), SW-6 (2') (880-23679-20), SW-9 (1') (880-23679-23), SW-10 (3.5') (880-23679-24), SW-11 (3.5') (880-23679-25), (LCS 880-43921/2-A), (LCSD 880-43921/3-A), (MB 880-43920/1-A) and (MB 880-43921/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43915 and 880-43915 and analytical batch 880-43965 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-43916 and analytical batch 880-43966 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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (3.5')

Lab Sample ID: 880-23679-1

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 09:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 09:04	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		01/13/23 14:59	01/14/23 09:04	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		01/13/23 14:59	01/14/23 09:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 09:04	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		01/13/23 14:59	01/14/23 09:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	01/13/23 14:59	01/14/23 09:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/13/23 14:59	01/14/23 09:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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 F2	49.9		mg/Kg		01/13/23 15:53	01/14/23 11:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U F2	49.9		mg/Kg		01/13/23 15:53	01/14/23 11:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 11:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	01/13/23 15:53	01/14/23 11:51	1
o-Terphenyl	105		70 - 130	01/13/23 15:53	01/14/23 11:51	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	347	F1	5.03		mg/Kg			01/15/23 11:36	1

Client Sample ID: CS-2 (3.5')

Lab Sample ID: 880-23679-2

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 09:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 09:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 09:25	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/23 14:59	01/14/23 09:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 09:25	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/23 14:59	01/14/23 09:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/13/23 14:59	01/14/23 09:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/13/23 14:59	01/14/23 09:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-2 (3.5')

Lab Sample ID: 880-23679-2

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 12:57	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/23 15:53	01/14/23 12:57	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/23 15:53	01/14/23 12:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				01/13/23 15:53	01/14/23 12:57	1
o-Terphenyl	141	S1+	70 - 130				01/13/23 15:53	01/14/23 12:57	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	322		5.00		mg/Kg			01/15/23 11:52	1

Client Sample ID: CS-3 (3.5')

Lab Sample ID: 880-23679-3

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 09:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 09:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 09:46	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/13/23 14:59	01/14/23 09:46	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 09:46	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/13/23 14:59	01/14/23 09:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/13/23 14:59	01/14/23 09:46	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/13/23 14:59	01/14/23 09:46	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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 13:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 13:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-3 (3.5')

Lab Sample ID: 880-23679-3

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:53	01/14/23 13:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130				01/13/23 15:53	01/14/23 13:19	1
o-Terphenyl	150	S1+	70 - 130				01/13/23 15:53	01/14/23 13:19	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		4.97		mg/Kg			01/15/23 11:58	1

Client Sample ID: CS-4 (3.5')

Lab Sample ID: 880-23679-4

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 10:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 10:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 10:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 10:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 10:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 10:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				01/13/23 14:59	01/14/23 10:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/13/23 14:59	01/14/23 10:06	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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 13:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/23 15:53	01/14/23 13:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/23 15:53	01/14/23 13:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				01/13/23 15:53	01/14/23 13:40	1
o-Terphenyl	139	S1+	70 - 130				01/13/23 15:53	01/14/23 13:40	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		5.05		mg/Kg			01/15/23 12:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-23679-5

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 10:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 10:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 10:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 10:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 10:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 10:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	01/13/23 14:59	01/14/23 10:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/13/23 14:59	01/14/23 10:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 14:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	01/13/23 15:53	01/14/23 14:01	1
o-Terphenyl	138	S1+	70 - 130	01/13/23 15:53	01/14/23 14:01	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	140		4.99		mg/Kg			01/15/23 12:09	1

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-23679-6

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 10:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 10:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 10:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 10:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 10:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	01/13/23 14:59	01/14/23 10:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/13/23 14:59	01/14/23 10:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-23679-6

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 14:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 14:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130				01/13/23 15:53	01/14/23 14:23	1
o-Terphenyl	131	S1+	70 - 130				01/13/23 15:53	01/14/23 14:23	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		5.01		mg/Kg			01/15/23 12:25	1

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-23679-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 11:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 11:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 11:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 11:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 11:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 11:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/13/23 14:59	01/14/23 11:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/13/23 14:59	01/14/23 11:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 14:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 14:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-23679-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:53	01/14/23 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130				01/13/23 15:53	01/14/23 14:44	1
o-Terphenyl	139	S1+	70 - 130				01/13/23 15:53	01/14/23 14:44	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	160		5.00		mg/Kg			01/15/23 12:31	1

Client Sample ID: CS-8 (2')

Lab Sample ID: 880-23679-8

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 11:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/23 14:59	01/14/23 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 11:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/23 14:59	01/14/23 11:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				01/13/23 14:59	01/14/23 11:28	1
1,4-Difluorobenzene (Surr)	97		70 - 130				01/13/23 14:59	01/14/23 11:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 15:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 15:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130				01/13/23 15:53	01/14/23 15:06	1
o-Terphenyl	147	S1+	70 - 130				01/13/23 15:53	01/14/23 15:06	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	148		5.02		mg/Kg			01/15/23 12:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-9 (2')

Lab Sample ID: 880-23679-9

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 11:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 11:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 11:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 11:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 11:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 11:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	01/13/23 14:59	01/14/23 11:49	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/13/23 14:59	01/14/23 11:49	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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 15:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 15:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	01/13/23 15:53	01/14/23 15:27	1
o-Terphenyl	125		70 - 130	01/13/23 15:53	01/14/23 15:27	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		5.01		mg/Kg			01/15/23 12:41	1

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-23679-10

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 12:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 12:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 12:09	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/13/23 14:59	01/14/23 12:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 12:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/13/23 14:59	01/14/23 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	01/13/23 14:59	01/14/23 12:09	1
1,4-Difluorobenzene (Surr)	87		70 - 130	01/13/23 14:59	01/14/23 12:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-10 (1')

Lab Sample ID: 880-23679-10

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 15:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 15:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 15:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130				01/13/23 15:53	01/14/23 15:49	1
o-Terphenyl	138	S1+	70 - 130				01/13/23 15:53	01/14/23 15:49	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		5.00		mg/Kg			01/15/23 12:47	1

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-23679-11

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 13:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/23 14:59	01/14/23 13:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 13:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/23 14:59	01/14/23 13:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				01/13/23 14:59	01/14/23 13:32	1
1,4-Difluorobenzene (Surr)	95		70 - 130				01/13/23 14:59	01/14/23 13:32	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			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 16:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 16:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-23679-11

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:53	01/14/23 16:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				01/13/23 15:53	01/14/23 16:32	1
o-Terphenyl	155	S1+	70 - 130				01/13/23 15:53	01/14/23 16:32	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.8	F1	5.00		mg/Kg			01/15/23 12:52	1

Client Sample ID: CS-12 (1')

Lab Sample ID: 880-23679-12

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 13:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 13:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 13:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 13:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 13:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				01/13/23 14:59	01/14/23 13:53	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/13/23 14:59	01/14/23 13:53	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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 16:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 16:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				01/13/23 15:53	01/14/23 16:54	1
o-Terphenyl	144	S1+	70 - 130				01/13/23 15:53	01/14/23 16:54	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.5		5.02		mg/Kg			01/15/23 13:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-13 (1')

Lab Sample ID: 880-23679-13

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 14:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 14:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 14:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 14:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 14:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/13/23 14:59	01/14/23 14:13	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/13/23 14:59	01/14/23 14:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 17:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 17:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	188	S1+	70 - 130	01/13/23 15:53	01/14/23 17:15	1
o-Terphenyl	198	S1+	70 - 130	01/13/23 15:53	01/14/23 17:15	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.3		5.00		mg/Kg			01/15/23 13:14	1

Client Sample ID: CS-14 (3.5')

Lab Sample ID: 880-23679-14

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 14:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 14:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 14:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 14:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 14:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/13/23 14:59	01/14/23 14:33	1
1,4-Difluorobenzene (Surr)	86		70 - 130	01/13/23 14:59	01/14/23 14:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (3.5')

Lab Sample ID: 880-23679-14

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 17:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 17:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 17:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				01/13/23 15:53	01/14/23 17:36	1
o-Terphenyl	142	S1+	70 - 130				01/13/23 15:53	01/14/23 17:36	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		4.98		mg/Kg			01/15/23 13:30	1

Client Sample ID: SW-1 (3.5')

Lab Sample ID: 880-23679-15

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 14:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 14:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 14:54	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/23 14:59	01/14/23 14:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 14:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/23 14:59	01/14/23 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				01/13/23 14:59	01/14/23 14:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130				01/13/23 14:59	01/14/23 14:54	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			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 17:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 17:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-1 (3.5')

Lab Sample ID: 880-23679-15

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:53	01/14/23 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				01/13/23 15:53	01/14/23 17:58	1
o-Terphenyl	132	S1+	70 - 130				01/13/23 15:53	01/14/23 17:58	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		4.95		mg/Kg			01/15/23 13:36	1

Client Sample ID: SW-2 (3.5')

Lab Sample ID: 880-23679-16

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 15:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 15:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 15:14	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 15:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 15:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				01/13/23 14:59	01/14/23 15:14	1
1,4-Difluorobenzene (Surr)	92		70 - 130				01/13/23 14:59	01/14/23 15:14	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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 18:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 18:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				01/13/23 15:53	01/14/23 18:19	1
o-Terphenyl	146	S1+	70 - 130				01/13/23 15:53	01/14/23 18:19	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.00		mg/Kg			01/15/23 13:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (3.5')

Lab Sample ID: 880-23679-17

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 15:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 15:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 15:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		01/13/23 14:59	01/14/23 15:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 15:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/13/23 14:59	01/14/23 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	01/13/23 14:59	01/14/23 15:35	1
1,4-Difluorobenzene (Surr)	81		70 - 130	01/13/23 14:59	01/14/23 15:35	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			01/16/23 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/16/23 16:47	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		01/13/23 15:53	01/14/23 18:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 18:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:53	01/14/23 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	01/13/23 15:53	01/14/23 18:41	1
o-Terphenyl	128		70 - 130	01/13/23 15:53	01/14/23 18:41	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		4.99		mg/Kg			01/15/23 13:47	1

Client Sample ID: SW-4 (3.5')

Lab Sample ID: 880-23679-18

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 15:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 15:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 15:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/13/23 14:59	01/14/23 15:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/23 14:59	01/14/23 15:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/13/23 14:59	01/14/23 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	01/13/23 14:59	01/14/23 15:55	1
1,4-Difluorobenzene (Surr)	83		70 - 130	01/13/23 14:59	01/14/23 15:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-4 (3.5')

Lab Sample ID: 880-23679-18

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 19:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 19:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				01/13/23 15:53	01/14/23 19:03	1
o-Terphenyl	132	S1+	70 - 130				01/13/23 15:53	01/14/23 19:03	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	240		5.01		mg/Kg			01/15/23 13:52	1

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-23679-19

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 16:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 16:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 16:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 16:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/13/23 14:59	01/14/23 16:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/13/23 14:59	01/14/23 16:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				01/13/23 14:59	01/14/23 16:16	1
1,4-Difluorobenzene (Surr)	83		70 - 130				01/13/23 14:59	01/14/23 16:16	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			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 19:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 19:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-5 (2')

Lab Sample ID: 880-23679-19

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:53	01/14/23 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130				01/13/23 15:53	01/14/23 19:24	1
o-Terphenyl	134	S1+	70 - 130				01/13/23 15:53	01/14/23 19:24	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	201		4.97		mg/Kg			01/15/23 13:58	1

Client Sample ID: SW-6 (2')

Lab Sample ID: 880-23679-20

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 14:59	01/14/23 16:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 16:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 16:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 16:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 14:59	01/14/23 16:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 14:59	01/14/23 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/13/23 14:59	01/14/23 16:36	1
1,4-Difluorobenzene (Surr)	81		70 - 130				01/13/23 14:59	01/14/23 16:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 16:54	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			01/16/23 16:47	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		01/13/23 15:53	01/14/23 19:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 19:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130				01/13/23 15:53	01/14/23 19:46	1
o-Terphenyl	132	S1+	70 - 130				01/13/23 15:53	01/14/23 19:46	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	208		4.98		mg/Kg			01/15/23 14:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1')

Lab Sample ID: 880-23679-21

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:00	01/14/23 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 15:00	01/14/23 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 15:00	01/14/23 18:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/23 15:00	01/14/23 18:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 15:00	01/14/23 18:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/23 15:00	01/14/23 18:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/13/23 15:00	01/14/23 18:59	1
1,4-Difluorobenzene (Surr)	104		70 - 130				01/13/23 15:00	01/14/23 18:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/16/23 17:00	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			01/16/23 16:47	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		01/13/23 15:56	01/14/23 21:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:56	01/14/23 21:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:56	01/14/23 21:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				01/13/23 15:56	01/14/23 21:33	1
o-Terphenyl	125		70 - 130				01/13/23 15:56	01/14/23 21:33	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	305	F1	5.00		mg/Kg			01/15/23 14:47	1

Client Sample ID: SW-8 (1')

Lab Sample ID: 880-23679-22

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:00	01/14/23 19:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/13/23 15:00	01/14/23 19:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/13/23 15:00	01/14/23 19:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		01/13/23 15:00	01/14/23 19:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/13/23 15:00	01/14/23 19:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/13/23 15:00	01/14/23 19:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				01/13/23 15:00	01/14/23 19:19	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/13/23 15:00	01/14/23 19:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-8 (1')

Lab Sample ID: 880-23679-22

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			01/16/23 17:00	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			01/16/23 16:47	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		01/13/23 15:56	01/14/23 22:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/23 15:56	01/14/23 22:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/23 15:56	01/14/23 22:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130				01/13/23 15:56	01/14/23 22:38	1
o-Terphenyl	115		70 - 130				01/13/23 15:56	01/14/23 22:38	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	173		5.04		mg/Kg			01/15/23 15:03	1

Client Sample ID: SW-9 (1')

Lab Sample ID: 880-23679-23

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:00	01/14/23 19:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/13/23 15:00	01/14/23 19:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/13/23 15:00	01/14/23 19:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		01/13/23 15:00	01/14/23 19:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/13/23 15:00	01/14/23 19:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/13/23 15:00	01/14/23 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				01/13/23 15:00	01/14/23 19:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130				01/13/23 15:00	01/14/23 19:40	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			01/16/23 17:00	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			01/16/23 16:47	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		01/13/23 15:56	01/14/23 22:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:56	01/14/23 22:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-9 (1')

Lab Sample ID: 880-23679-23

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:56	01/14/23 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				01/13/23 15:56	01/14/23 22:59	1
o-Terphenyl	142	S1+	70 - 130				01/13/23 15:56	01/14/23 22:59	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		5.03		mg/Kg			01/15/23 15:09	1

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-23679-24

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:00	01/14/23 20:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 15:00	01/14/23 20:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 15:00	01/14/23 20:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		01/13/23 15:00	01/14/23 20:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 15:00	01/14/23 20:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/13/23 15:00	01/14/23 20:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				01/13/23 15:00	01/14/23 20:00	1
1,4-Difluorobenzene (Surr)	100		70 - 130				01/13/23 15:00	01/14/23 20:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/16/23 17:00	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			01/16/23 16:47	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		01/13/23 15:56	01/14/23 23:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/13/23 15:56	01/14/23 23:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/13/23 15:56	01/14/23 23:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130				01/13/23 15:56	01/14/23 23:20	1
o-Terphenyl	142	S1+	70 - 130				01/13/23 15:56	01/14/23 23:20	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		5.05		mg/Kg			01/15/23 15:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-23679-25

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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		01/13/23 15:00	01/14/23 20:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/13/23 15:00	01/14/23 20:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/13/23 15:00	01/14/23 20:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		01/13/23 15:00	01/14/23 20:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/13/23 15:00	01/14/23 20:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/13/23 15:00	01/14/23 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	01/13/23 15:00	01/14/23 20:21	1
1,4-Difluorobenzene (Surr)	109		70 - 130	01/13/23 15:00	01/14/23 20:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			01/16/23 17:00	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			01/16/23 16:47	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		01/13/23 15:56	01/14/23 23:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/13/23 15:56	01/14/23 23:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/13/23 15:56	01/14/23 23:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	01/13/23 15:56	01/14/23 23:42	1
o-Terphenyl	139	S1+	70 - 130	01/13/23 15:56	01/14/23 23:42	1

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	197		4.95		mg/Kg			01/15/23 15:20	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-23679-1	CS-1 (3.5')	88	103
880-23679-1 MS	CS-1 (3.5')	84	103
880-23679-1 MSD	CS-1 (3.5')	85	103
880-23679-2	CS-2 (3.5')	94	100
880-23679-3	CS-3 (3.5')	111	98
880-23679-4	CS-4 (3.5')	88	97
880-23679-5	CS-5 (2')	94	100
880-23679-6	CS-6 (2')	91	94
880-23679-7	CS-7 (2')	93	99
880-23679-8	CS-8 (2')	89	97
880-23679-9	CS-9 (2')	90	97
880-23679-10	CS-10 (1')	89	87
880-23679-11	CS-11 (1')	93	95
880-23679-12	CS-12 (1')	111	83
880-23679-13	CS-13 (1')	102	92
880-23679-14	CS-14 (3.5')	126	86
880-23679-15	SW-1 (3.5')	112	87
880-23679-16	SW-2 (3.5')	98	92
880-23679-17	SW-3 (3.5')	122	81
880-23679-18	SW-4 (3.5')	114	83
880-23679-19	SW-5 (2')	122	83
880-23679-20	SW-6 (2')	119	81
880-23679-21	SW-7 (1')	117	104
880-23679-22	SW-8 (1')	117	105
880-23679-23	SW-9 (1')	129	99
880-23679-24	SW-10 (3.5')	119	100
880-23679-25	SW-11 (3.5')	129	109
890-3823-A-1-C MS	Matrix Spike	109	105
890-3823-A-1-D MSD	Matrix Spike Duplicate	107	105
LCS 880-43835/1-A	Lab Control Sample	104	103
LCS 880-43914/1-A	Lab Control Sample	94	98
LCSD 880-43835/2-A	Lab Control Sample Dup	105	102
LCSD 880-43914/2-A	Lab Control Sample Dup	83	102
MB 880-43832/5-B	Method Blank	109	99
MB 880-43833/5-A	Method Blank	85	93
MB 880-43835/5-A	Method Blank	108	99
MB 880-43914/5-A	Method Blank	78	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-23679-1	CS-1 (3.5')	99	105
880-23679-1 MS	CS-1 (3.5')	83	86

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-23679-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-23679-1 MSD	CS-1 (3.5')	108	109
880-23679-2	CS-2 (3.5')	114	141 S1+
880-23679-3	CS-3 (3.5')	127	150 S1+
880-23679-4	CS-4 (3.5')	113	139 S1+
880-23679-5	CS-5 (2')	115	138 S1+
880-23679-6	CS-6 (2')	111	131 S1+
880-23679-7	CS-7 (2')	116	139 S1+
880-23679-8	CS-8 (2')	129	147 S1+
880-23679-9	CS-9 (2')	106	125
880-23679-10	CS-10 (1')	115	138 S1+
880-23679-11	CS-11 (1')	145 S1+	155 S1+
880-23679-12	CS-12 (1')	131 S1+	144 S1+
880-23679-13	CS-13 (1')	188 S1+	198 S1+
880-23679-14	CS-14 (3.5')	123	142 S1+
880-23679-15	SW-1 (3.5')	121	132 S1+
880-23679-16	SW-2 (3.5')	132 S1+	146 S1+
880-23679-17	SW-3 (3.5')	106	128
880-23679-18	SW-4 (3.5')	122	132 S1+
880-23679-19	SW-5 (2')	113	134 S1+
880-23679-20	SW-6 (2')	108	132 S1+
880-23679-21	SW-7 (1')	102	125
880-23679-21 MS	SW-7 (1')	114	115
880-23679-21 MSD	SW-7 (1')	116	117
880-23679-22	SW-8 (1')	99	115
880-23679-23	SW-9 (1')	132 S1+	142 S1+
880-23679-24	SW-10 (3.5')	118	142 S1+
880-23679-25	SW-11 (3.5')	127	139 S1+
LCS 880-43920/2-A	Lab Control Sample	112	127
LCS 880-43921/2-A	Lab Control Sample	111	132 S1+
LCSD 880-43920/3-A	Lab Control Sample Dup	111	128
LCSD 880-43921/3-A	Lab Control Sample Dup	113	132 S1+
MB 880-43920/1-A	Method Blank	155 S1+	185 S1+
MB 880-43921/1-A	Method Blank	167 S1+	199 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources

Job ID: 880-23679-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-43832/5-B

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43832

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:48	01/14/23 00:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/23 14:48	01/14/23 00:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/12/23 14:48	01/14/23 00:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/12/23 14:48	01/14/23 00:17	1

Lab Sample ID: MB 880-43833/5-A

Matrix: Solid

Analysis Batch: 43862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:52	01/13/23 22:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:52	01/13/23 22:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:52	01/13/23 22:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/12/23 14:52	01/13/23 22:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:52	01/13/23 22:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/23 14:52	01/13/23 22:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	01/12/23 14:52	01/13/23 22:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/12/23 14:52	01/13/23 22:06	1

Lab Sample ID: MB 880-43835/5-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:58	01/14/23 11:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:58	01/14/23 11:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:58	01/14/23 11:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/12/23 14:58	01/14/23 11:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/12/23 14:58	01/14/23 11:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/12/23 14:58	01/14/23 11:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/12/23 14:58	01/14/23 11:54	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/12/23 14:58	01/14/23 11:54	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-43835/1-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08829		mg/Kg		88	70 - 130
Toluene	0.100	0.08410		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.08216		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	0.200	0.1680		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08252		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-43835/2-A

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07938		mg/Kg		79	70 - 130	11	35
Toluene	0.100	0.07607		mg/Kg		76	70 - 130	10	35
Ethylbenzene	0.100	0.07394		mg/Kg		74	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1504		mg/Kg		75	70 - 130	11	35
o-Xylene	0.100	0.07576		mg/Kg		76	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-3823-A-1-C MS

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 43835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.1058		mg/Kg		106	70 - 130
Toluene	<0.00202	U	0.100	0.09441		mg/Kg		94	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.09001		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.1820		mg/Kg		91	70 - 130
o-Xylene	<0.00202	U	0.100	0.09231		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-3823-A-1-D MSD

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.09074		mg/Kg		92	70 - 130	15	35
Toluene	<0.00202	U	0.0990	0.08060		mg/Kg		81	70 - 130	16	35
Ethylbenzene	<0.00202	U	0.0990	0.07674		mg/Kg		78	70 - 130	16	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 890-3823-A-1-D MSD

Matrix: Solid

Analysis Batch: 43866

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 43835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00403	U	0.198	0.1551		mg/Kg		78	70 - 130	16	35
o-Xylene	<0.00202	U	0.0990	0.07902		mg/Kg		79	70 - 130	16	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	107		70 - 130								
1,4-Difluorobenzene (Surr)	105		70 - 130								

Lab Sample ID: MB 880-43914/5-A

Matrix: Solid

Analysis Batch: 43862

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 08:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 08:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 08:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		01/13/23 14:59	01/14/23 08:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/13/23 14:59	01/14/23 08:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/13/23 14:59	01/14/23 08:43	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				01/13/23 14:59	01/14/23 08:43	1
1,4-Difluorobenzene (Surr)	94		70 - 130				01/13/23 14:59	01/14/23 08:43	1

Lab Sample ID: LCS 880-43914/1-A

Matrix: Solid

Analysis Batch: 43862

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43914

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.08973		mg/Kg		90	70 - 130		
Toluene	0.100	0.09302		mg/Kg		93	70 - 130		
Ethylbenzene	0.100	0.08062		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene	0.200	0.1666		mg/Kg		83	70 - 130		
o-Xylene	0.100	0.1071		mg/Kg		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits						
4-Bromofluorobenzene (Surr)	94		70 - 130						
1,4-Difluorobenzene (Surr)	98		70 - 130						

Lab Sample ID: LCSD 880-43914/2-A

Matrix: Solid

Analysis Batch: 43862

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43914

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09244		mg/Kg		92	70 - 130	3	35
Toluene	0.100	0.08873		mg/Kg		89	70 - 130	5	35
Ethylbenzene	0.100	0.07336		mg/Kg		73	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1483		mg/Kg		74	70 - 130	12	35
o-Xylene	0.100	0.08643		mg/Kg		86	70 - 130	21	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-23679-1 MS

Matrix: Solid

Analysis Batch: 43862

Client Sample ID: CS-1 (3.5')

Prep Type: Total/NA

Prep Batch: 43914

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00201	U	0.101	0.08134		mg/Kg		81	70 - 130	
Toluene	<0.00201	U	0.101	0.07438		mg/Kg		74	70 - 130	
Ethylbenzene	<0.00201	U F1	0.101	0.06303	F1	mg/Kg		63	70 - 130	
m-Xylene & p-Xylene	<0.00402	U F1	0.202	0.1277	F1	mg/Kg		63	70 - 130	
o-Xylene	<0.00201	U	0.101	0.07205		mg/Kg		71	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-23679-1 MSD

Matrix: Solid

Analysis Batch: 43862

Client Sample ID: CS-1 (3.5')

Prep Type: Total/NA

Prep Batch: 43914

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00201	U	0.0990	0.07879		mg/Kg		80	70 - 130	3	35	
Toluene	<0.00201	U	0.0990	0.07203		mg/Kg		73	70 - 130	3	35	
Ethylbenzene	<0.00201	U F1	0.0990	0.06151	F1	mg/Kg		62	70 - 130	2	35	
m-Xylene & p-Xylene	<0.00402	U F1	0.198	0.1268	F1	mg/Kg		64	70 - 130	1	35	
o-Xylene	<0.00201	U	0.0990	0.07116		mg/Kg		72	70 - 130	1	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-43920/1-A

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43920

	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		01/13/23 15:53	01/14/23 08:20	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 08:20	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:53	01/14/23 08:20	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane	155	S1+	70 - 130	01/13/23 15:53	01/14/23 08:20	1				
o-Terphenyl	185	S1+	70 - 130	01/13/23 15:53	01/14/23 08:20	1				

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-43920/2-A

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43920

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec		
			Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10			1000	1008		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	914.6		mg/Kg		91	70 - 130		

Lab Sample ID: LCSD 880-43920/3-A

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43920

			Spike	LCSD	LCSD				%Rec			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1035		mg/Kg		103	70 - 130		3	20
Diesel Range Organics (Over C10-C28)			1000	975.9		mg/Kg		98	70 - 130		6	20
			LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	111		70 - 130									
o-Terphenyl	128		70 - 130									

Lab Sample ID: 880-23679-1 MS

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: CS-1 (3.5')

Prep Type: Total/NA

Prep Batch: 43920

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec		
	Result	Qualifier	Added	Result	Qualifier			Limits	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	998	792.4		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F2	998	867.4		mg/Kg		87	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	86		70 - 130								

Lab Sample ID: 880-23679-1 MSD

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: CS-1 (3.5')

Prep Type: Total/NA

Prep Batch: 43920

	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	<49.9	U F2	997	986.4	F2	mg/Kg		97	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	<49.9	U F2	997	1113	F2	mg/Kg		112	70 - 130	25	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	108		70 - 130								

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-23679-1 MSD

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: CS-1 (3.5')

Prep Type: Total/NA

Prep Batch: 43920

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	109		70 - 130

Lab Sample ID: MB 880-43921/1-A

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 43921

	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		01/13/23 15:56	01/14/23 20:28	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/13/23 15:56	01/14/23 20:28	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/13/23 15:56	01/14/23 20:28	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
1-Chlorooctane	167	S1+	70 - 130				01/13/23 15:56	01/14/23 20:28	1	
<i>o</i> -Terphenyl	199	S1+	70 - 130				01/13/23 15:56	01/14/23 20:28	1	

Lab Sample ID: LCS 880-43921/2-A

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 43921

		Spike	LCS	LCS				%Rec		
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10		1000	942.9		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)		1000	964.5		mg/Kg		96	70 - 130		
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	111		70 - 130							
<i>o</i> -Terphenyl	132	S1+	70 - 130							

Lab Sample ID: LCSD 880-43921/3-A

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 43921

			Spike	LCSD	LCSD				%Rec	RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	957.3		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	996.4		mg/Kg		100	70 - 130	3	20
											</

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-23679-21 MS

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: SW-7 (1')

Prep Type: Total/NA

Prep Batch: 43921

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1041		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1198		mg/Kg		118	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	115		70 - 130								

Lab Sample ID: 880-23679-21 MSD

Matrix: Solid

Analysis Batch: 43943

Client Sample ID: SW-7 (1')

Prep Type: Total/NA

Prep Batch: 43921

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	1085		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	1217		mg/Kg		120	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	116		70 - 130								
o-Terphenyl	117		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-43915/1-A

Matrix: Solid

Analysis Batch: 43965

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			01/15/23 11:19	1

Lab Sample ID: LCS 880-43915/2-A

Matrix: Solid

Analysis Batch: 43965

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	247.4		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-43915/3-A

Matrix: Solid

Analysis Batch: 43965

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	246.1		mg/Kg		98	90 - 110	1	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-23679-1 MS

Matrix: Solid

Analysis Batch: 43965

Client Sample ID: CS-1 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	347	F1	252	630.5	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-23679-1 MSD

Matrix: Solid

Analysis Batch: 43965

Client Sample ID: CS-1 (3.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	347	F1	252	630.2	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: 880-23679-11 MS

Matrix: Solid

Analysis Batch: 43965

Client Sample ID: CS-11 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	80.8	F1	250	406.2	F1	mg/Kg		130	90 - 110		

Lab Sample ID: 880-23679-11 MSD

Matrix: Solid

Analysis Batch: 43965

Client Sample ID: CS-11 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80.8	F1	250	403.4	F1	mg/Kg		129	90 - 110	1	20

Lab Sample ID: MB 880-43916/1-A

Matrix: Solid

Analysis Batch: 43966

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			01/15/23 14:31	1

Lab Sample ID: LCS 880-43916/2-A

Matrix: Solid

Analysis Batch: 43966

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	250.1		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-43916/3-A

Matrix: Solid

Analysis Batch: 43966

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	244.8		mg/Kg		98	90 - 110	2	20

Lab Sample ID: 880-23679-21 MS

Matrix: Solid

Analysis Batch: 43966

Client Sample ID: SW-7 (1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	305	F1	250	464.9	F1	mg/Kg		64	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-23679-21 MSD					Client Sample ID: SW-7 (1')							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 43966												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Chloride	305	F1	250	460.7	F1	mg/Kg		62	90 - 110	1	20	

QC Association Summary

Client: Carmona Resources

Job ID: 880-23679-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 43832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43832/5-B	Method Blank	Total/NA	Solid	5035	

Prep Batch: 43833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-43833/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 43835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-21	SW-7 (1')	Total/NA	Solid	5035	
880-23679-22	SW-8 (1')	Total/NA	Solid	5035	
880-23679-23	SW-9 (1')	Total/NA	Solid	5035	
880-23679-24	SW-10 (3.5')	Total/NA	Solid	5035	
880-23679-25	SW-11 (3.5')	Total/NA	Solid	5035	
MB 880-43835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3823-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-3823-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 43862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Total/NA	Solid	8021B	43914
880-23679-2	CS-2 (3.5')	Total/NA	Solid	8021B	43914
880-23679-3	CS-3 (3.5')	Total/NA	Solid	8021B	43914
880-23679-4	CS-4 (3.5')	Total/NA	Solid	8021B	43914
880-23679-5	CS-5 (2')	Total/NA	Solid	8021B	43914
880-23679-6	CS-6 (2')	Total/NA	Solid	8021B	43914
880-23679-7	CS-7 (2')	Total/NA	Solid	8021B	43914
880-23679-8	CS-8 (2')	Total/NA	Solid	8021B	43914
880-23679-9	CS-9 (2')	Total/NA	Solid	8021B	43914
880-23679-10	CS-10 (1')	Total/NA	Solid	8021B	43914
880-23679-11	CS-11 (1')	Total/NA	Solid	8021B	43914
880-23679-12	CS-12 (1')	Total/NA	Solid	8021B	43914
880-23679-13	CS-13 (1')	Total/NA	Solid	8021B	43914
880-23679-14	CS-14 (3.5')	Total/NA	Solid	8021B	43914
880-23679-15	SW-1 (3.5')	Total/NA	Solid	8021B	43914
880-23679-16	SW-2 (3.5')	Total/NA	Solid	8021B	43914
880-23679-17	SW-3 (3.5')	Total/NA	Solid	8021B	43914
880-23679-18	SW-4 (3.5')	Total/NA	Solid	8021B	43914
880-23679-19	SW-5 (2')	Total/NA	Solid	8021B	43914
880-23679-20	SW-6 (2')	Total/NA	Solid	8021B	43914
MB 880-43833/5-A	Method Blank	Total/NA	Solid	8021B	43833
MB 880-43914/5-A	Method Blank	Total/NA	Solid	8021B	43914
LCS 880-43914/1-A	Lab Control Sample	Total/NA	Solid	8021B	43914
LCSD 880-43914/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43914
880-23679-1 MS	CS-1 (3.5')	Total/NA	Solid	8021B	43914
880-23679-1 MSD	CS-1 (3.5')	Total/NA	Solid	8021B	43914

Analysis Batch: 43866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-21	SW-7 (1')	Total/NA	Solid	8021B	43835

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 43866 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-22	SW-8 (1')	Total/NA	Solid	8021B	43835
880-23679-23	SW-9 (1')	Total/NA	Solid	8021B	43835
880-23679-24	SW-10 (3.5')	Total/NA	Solid	8021B	43835
880-23679-25	SW-11 (3.5')	Total/NA	Solid	8021B	43835
MB 880-43832/5-B	Method Blank	Total/NA	Solid	8021B	43832
MB 880-43835/5-A	Method Blank	Total/NA	Solid	8021B	43835
LCS 880-43835/1-A	Lab Control Sample	Total/NA	Solid	8021B	43835
LCSD 880-43835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	43835
890-3823-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	43835
890-3823-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	43835

Prep Batch: 43914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Total/NA	Solid	5035	
880-23679-2	CS-2 (3.5')	Total/NA	Solid	5035	
880-23679-3	CS-3 (3.5')	Total/NA	Solid	5035	
880-23679-4	CS-4 (3.5')	Total/NA	Solid	5035	
880-23679-5	CS-5 (2')	Total/NA	Solid	5035	
880-23679-6	CS-6 (2')	Total/NA	Solid	5035	
880-23679-7	CS-7 (2')	Total/NA	Solid	5035	
880-23679-8	CS-8 (2')	Total/NA	Solid	5035	
880-23679-9	CS-9 (2')	Total/NA	Solid	5035	
880-23679-10	CS-10 (1')	Total/NA	Solid	5035	
880-23679-11	CS-11 (1')	Total/NA	Solid	5035	
880-23679-12	CS-12 (1')	Total/NA	Solid	5035	
880-23679-13	CS-13 (1')	Total/NA	Solid	5035	
880-23679-14	CS-14 (3.5')	Total/NA	Solid	5035	
880-23679-15	SW-1 (3.5')	Total/NA	Solid	5035	
880-23679-16	SW-2 (3.5')	Total/NA	Solid	5035	
880-23679-17	SW-3 (3.5')	Total/NA	Solid	5035	
880-23679-18	SW-4 (3.5')	Total/NA	Solid	5035	
880-23679-19	SW-5 (2')	Total/NA	Solid	5035	
880-23679-20	SW-6 (2')	Total/NA	Solid	5035	
MB 880-43914/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-43914/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-43914/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-23679-1 MS	CS-1 (3.5')	Total/NA	Solid	5035	
880-23679-1 MSD	CS-1 (3.5')	Total/NA	Solid	5035	

Analysis Batch: 44073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-2	CS-2 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-3	CS-3 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-4	CS-4 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-5	CS-5 (2')	Total/NA	Solid	Total BTEX	
880-23679-6	CS-6 (2')	Total/NA	Solid	Total BTEX	
880-23679-7	CS-7 (2')	Total/NA	Solid	Total BTEX	
880-23679-8	CS-8 (2')	Total/NA	Solid	Total BTEX	
880-23679-9	CS-9 (2')	Total/NA	Solid	Total BTEX	
880-23679-10	CS-10 (1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-23679-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 44073 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-11	CS-11 (1')	Total/NA	Solid	Total BTEX	
880-23679-12	CS-12 (1')	Total/NA	Solid	Total BTEX	
880-23679-13	CS-13 (1')	Total/NA	Solid	Total BTEX	
880-23679-14	CS-14 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-15	SW-1 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-16	SW-2 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-17	SW-3 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-18	SW-4 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-19	SW-5 (2')	Total/NA	Solid	Total BTEX	
880-23679-20	SW-6 (2')	Total/NA	Solid	Total BTEX	
880-23679-21	SW-7 (1')	Total/NA	Solid	Total BTEX	
880-23679-22	SW-8 (1')	Total/NA	Solid	Total BTEX	
880-23679-23	SW-9 (1')	Total/NA	Solid	Total BTEX	
880-23679-24	SW-10 (3.5')	Total/NA	Solid	Total BTEX	
880-23679-25	SW-11 (3.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 43920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-2	CS-2 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-3	CS-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-4	CS-4 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-5	CS-5 (2')	Total/NA	Solid	8015NM Prep	
880-23679-6	CS-6 (2')	Total/NA	Solid	8015NM Prep	
880-23679-7	CS-7 (2')	Total/NA	Solid	8015NM Prep	
880-23679-8	CS-8 (2')	Total/NA	Solid	8015NM Prep	
880-23679-9	CS-9 (2')	Total/NA	Solid	8015NM Prep	
880-23679-10	CS-10 (1')	Total/NA	Solid	8015NM Prep	
880-23679-11	CS-11 (1')	Total/NA	Solid	8015NM Prep	
880-23679-12	CS-12 (1')	Total/NA	Solid	8015NM Prep	
880-23679-13	CS-13 (1')	Total/NA	Solid	8015NM Prep	
880-23679-14	CS-14 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-15	SW-1 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-16	SW-2 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-17	SW-3 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-18	SW-4 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-19	SW-5 (2')	Total/NA	Solid	8015NM Prep	
880-23679-20	SW-6 (2')	Total/NA	Solid	8015NM Prep	
MB 880-43920/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43920/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43920/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23679-1 MS	CS-1 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-1 MSD	CS-1 (3.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 43921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-21	SW-7 (1')	Total/NA	Solid	8015NM Prep	
880-23679-22	SW-8 (1')	Total/NA	Solid	8015NM Prep	
880-23679-23	SW-9 (1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 43921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-24	SW-10 (3.5')	Total/NA	Solid	8015NM Prep	
880-23679-25	SW-11 (3.5')	Total/NA	Solid	8015NM Prep	
MB 880-43921/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-43921/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-43921/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-23679-21 MS	SW-7 (1')	Total/NA	Solid	8015NM Prep	
880-23679-21 MSD	SW-7 (1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 43943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-2	CS-2 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-3	CS-3 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-4	CS-4 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-5	CS-5 (2')	Total/NA	Solid	8015B NM	43920
880-23679-6	CS-6 (2')	Total/NA	Solid	8015B NM	43920
880-23679-7	CS-7 (2')	Total/NA	Solid	8015B NM	43920
880-23679-8	CS-8 (2')	Total/NA	Solid	8015B NM	43920
880-23679-9	CS-9 (2')	Total/NA	Solid	8015B NM	43920
880-23679-10	CS-10 (1')	Total/NA	Solid	8015B NM	43920
880-23679-11	CS-11 (1')	Total/NA	Solid	8015B NM	43920
880-23679-12	CS-12 (1')	Total/NA	Solid	8015B NM	43920
880-23679-13	CS-13 (1')	Total/NA	Solid	8015B NM	43920
880-23679-14	CS-14 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-15	SW-1 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-16	SW-2 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-17	SW-3 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-18	SW-4 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-19	SW-5 (2')	Total/NA	Solid	8015B NM	43920
880-23679-20	SW-6 (2')	Total/NA	Solid	8015B NM	43920
880-23679-21	SW-7 (1')	Total/NA	Solid	8015B NM	43921
880-23679-22	SW-8 (1')	Total/NA	Solid	8015B NM	43921
880-23679-23	SW-9 (1')	Total/NA	Solid	8015B NM	43921
880-23679-24	SW-10 (3.5')	Total/NA	Solid	8015B NM	43921
880-23679-25	SW-11 (3.5')	Total/NA	Solid	8015B NM	43921
MB 880-43920/1-A	Method Blank	Total/NA	Solid	8015B NM	43920
MB 880-43921/1-A	Method Blank	Total/NA	Solid	8015B NM	43921
LCS 880-43920/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43920
LCS 880-43921/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	43921
LCSD 880-43920/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43920
LCSD 880-43921/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	43921
880-23679-1 MS	CS-1 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-1 MSD	CS-1 (3.5')	Total/NA	Solid	8015B NM	43920
880-23679-21 MS	SW-7 (1')	Total/NA	Solid	8015B NM	43921
880-23679-21 MSD	SW-7 (1')	Total/NA	Solid	8015B NM	43921

Analysis Batch: 44053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Total/NA	Solid	8015 NM	
880-23679-2	CS-2 (3.5')	Total/NA	Solid	8015 NM	
880-23679-3	CS-3 (3.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-23679-1

Project/Site: Nervous Horz Com #3H (11.27.22)

SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 44053 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-4	CS-4 (3.5')	Total/NA	Solid	8015 NM	
880-23679-5	CS-5 (2')	Total/NA	Solid	8015 NM	
880-23679-6	CS-6 (2')	Total/NA	Solid	8015 NM	
880-23679-7	CS-7 (2')	Total/NA	Solid	8015 NM	
880-23679-8	CS-8 (2')	Total/NA	Solid	8015 NM	
880-23679-9	CS-9 (2')	Total/NA	Solid	8015 NM	
880-23679-10	CS-10 (1')	Total/NA	Solid	8015 NM	
880-23679-11	CS-11 (1')	Total/NA	Solid	8015 NM	
880-23679-12	CS-12 (1')	Total/NA	Solid	8015 NM	
880-23679-13	CS-13 (1')	Total/NA	Solid	8015 NM	
880-23679-14	CS-14 (3.5')	Total/NA	Solid	8015 NM	
880-23679-15	SW-1 (3.5')	Total/NA	Solid	8015 NM	
880-23679-16	SW-2 (3.5')	Total/NA	Solid	8015 NM	
880-23679-17	SW-3 (3.5')	Total/NA	Solid	8015 NM	
880-23679-18	SW-4 (3.5')	Total/NA	Solid	8015 NM	
880-23679-19	SW-5 (2')	Total/NA	Solid	8015 NM	
880-23679-20	SW-6 (2')	Total/NA	Solid	8015 NM	
880-23679-21	SW-7 (1')	Total/NA	Solid	8015 NM	
880-23679-22	SW-8 (1')	Total/NA	Solid	8015 NM	
880-23679-23	SW-9 (1')	Total/NA	Solid	8015 NM	
880-23679-24	SW-10 (3.5')	Total/NA	Solid	8015 NM	
880-23679-25	SW-11 (3.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 43915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Soluble	Solid	DI Leach	
880-23679-2	CS-2 (3.5')	Soluble	Solid	DI Leach	
880-23679-3	CS-3 (3.5')	Soluble	Solid	DI Leach	
880-23679-4	CS-4 (3.5')	Soluble	Solid	DI Leach	
880-23679-5	CS-5 (2')	Soluble	Solid	DI Leach	
880-23679-6	CS-6 (2')	Soluble	Solid	DI Leach	
880-23679-7	CS-7 (2')	Soluble	Solid	DI Leach	
880-23679-8	CS-8 (2')	Soluble	Solid	DI Leach	
880-23679-9	CS-9 (2')	Soluble	Solid	DI Leach	
880-23679-10	CS-10 (1')	Soluble	Solid	DI Leach	
880-23679-11	CS-11 (1')	Soluble	Solid	DI Leach	
880-23679-12	CS-12 (1')	Soluble	Solid	DI Leach	
880-23679-13	CS-13 (1')	Soluble	Solid	DI Leach	
880-23679-14	CS-14 (3.5')	Soluble	Solid	DI Leach	
880-23679-15	SW-1 (3.5')	Soluble	Solid	DI Leach	
880-23679-16	SW-2 (3.5')	Soluble	Solid	DI Leach	
880-23679-17	SW-3 (3.5')	Soluble	Solid	DI Leach	
880-23679-18	SW-4 (3.5')	Soluble	Solid	DI Leach	
880-23679-19	SW-5 (2')	Soluble	Solid	DI Leach	
880-23679-20	SW-6 (2')	Soluble	Solid	DI Leach	
MB 880-43915/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43915/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43915/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23679-1 MS	CS-1 (3.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 43915 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1 MSD	CS-1 (3.5')	Soluble	Solid	DI Leach	
880-23679-11 MS	CS-11 (1')	Soluble	Solid	DI Leach	
880-23679-11 MSD	CS-11 (1')	Soluble	Solid	DI Leach	

Leach Batch: 43916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-21	SW-7 (1')	Soluble	Solid	DI Leach	
880-23679-22	SW-8 (1')	Soluble	Solid	DI Leach	
880-23679-23	SW-9 (1')	Soluble	Solid	DI Leach	
880-23679-24	SW-10 (3.5')	Soluble	Solid	DI Leach	
880-23679-25	SW-11 (3.5')	Soluble	Solid	DI Leach	
MB 880-43916/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-43916/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-43916/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-23679-21 MS	SW-7 (1')	Soluble	Solid	DI Leach	
880-23679-21 MSD	SW-7 (1')	Soluble	Solid	DI Leach	

Analysis Batch: 43965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-1	CS-1 (3.5')	Soluble	Solid	300.0	43915
880-23679-2	CS-2 (3.5')	Soluble	Solid	300.0	43915
880-23679-3	CS-3 (3.5')	Soluble	Solid	300.0	43915
880-23679-4	CS-4 (3.5')	Soluble	Solid	300.0	43915
880-23679-5	CS-5 (2')	Soluble	Solid	300.0	43915
880-23679-6	CS-6 (2')	Soluble	Solid	300.0	43915
880-23679-7	CS-7 (2')	Soluble	Solid	300.0	43915
880-23679-8	CS-8 (2')	Soluble	Solid	300.0	43915
880-23679-9	CS-9 (2')	Soluble	Solid	300.0	43915
880-23679-10	CS-10 (1')	Soluble	Solid	300.0	43915
880-23679-11	CS-11 (1')	Soluble	Solid	300.0	43915
880-23679-12	CS-12 (1')	Soluble	Solid	300.0	43915
880-23679-13	CS-13 (1')	Soluble	Solid	300.0	43915
880-23679-14	CS-14 (3.5')	Soluble	Solid	300.0	43915
880-23679-15	SW-1 (3.5')	Soluble	Solid	300.0	43915
880-23679-16	SW-2 (3.5')	Soluble	Solid	300.0	43915
880-23679-17	SW-3 (3.5')	Soluble	Solid	300.0	43915
880-23679-18	SW-4 (3.5')	Soluble	Solid	300.0	43915
880-23679-19	SW-5 (2')	Soluble	Solid	300.0	43915
880-23679-20	SW-6 (2')	Soluble	Solid	300.0	43915
MB 880-43915/1-A	Method Blank	Soluble	Solid	300.0	43915
LCS 880-43915/2-A	Lab Control Sample	Soluble	Solid	300.0	43915
LCSD 880-43915/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43915
880-23679-1 MS	CS-1 (3.5')	Soluble	Solid	300.0	43915
880-23679-1 MSD	CS-1 (3.5')	Soluble	Solid	300.0	43915
880-23679-11 MS	CS-11 (1')	Soluble	Solid	300.0	43915
880-23679-11 MSD	CS-11 (1')	Soluble	Solid	300.0	43915

Analysis Batch: 43966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-21	SW-7 (1')	Soluble	Solid	300.0	43916
880-23679-22	SW-8 (1')	Soluble	Solid	300.0	43916

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 43966 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-23679-23	SW-9 (1')	Soluble	Solid	300.0	43916
880-23679-24	SW-10 (3.5')	Soluble	Solid	300.0	43916
880-23679-25	SW-11 (3.5')	Soluble	Solid	300.0	43916
MB 880-43916/1-A	Method Blank	Soluble	Solid	300.0	43916
LCS 880-43916/2-A	Lab Control Sample	Soluble	Solid	300.0	43916
LCSD 880-43916/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	43916
880-23679-21 MS	SW-7 (1')	Soluble	Solid	300.0	43916
880-23679-21 MSD	SW-7 (1')	Soluble	Solid	300.0	43916

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-1 (3.5')

Lab Sample ID: 880-23679-1

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 09:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 11:51	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 11:36	CH	EET MID

Client Sample ID: CS-2 (3.5')

Lab Sample ID: 880-23679-2

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 09:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 12:57	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 11:52	CH	EET MID

Client Sample ID: CS-3 (3.5')

Lab Sample ID: 880-23679-3

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 09:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 13:19	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 11:58	CH	EET MID

Client Sample ID: CS-4 (3.5')

Lab Sample ID: 880-23679-4

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 10:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-4 (3.5')

Lab Sample ID: 880-23679-4

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 13:40	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:03	CH	EET MID

Client Sample ID: CS-5 (2')

Lab Sample ID: 880-23679-5

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 10:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 14:01	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:09	CH	EET MID

Client Sample ID: CS-6 (2')

Lab Sample ID: 880-23679-6

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 10:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 14:23	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:25	CH	EET MID

Client Sample ID: CS-7 (2')

Lab Sample ID: 880-23679-7

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 11:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 14:44	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-7 (2')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:31	CH	EET MID

Client Sample ID: CS-8 (2')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 11:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 15:06	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:36	CH	EET MID

Client Sample ID: CS-9 (2')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 11:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 15:27	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:41	CH	EET MID

Client Sample ID: CS-10 (1')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 15:49	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:47	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-11 (1')

Lab Sample ID: 880-23679-11

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 16:32	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 12:52	CH	EET MID

Client Sample ID: CS-12 (1')

Lab Sample ID: 880-23679-12

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 16:54	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:09	CH	EET MID

Client Sample ID: CS-13 (1')

Lab Sample ID: 880-23679-13

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 17:15	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:14	CH	EET MID

Client Sample ID: CS-14 (3.5')

Lab Sample ID: 880-23679-14

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 14:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: CS-14 (3.5')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 17:36	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:30	CH	EET MID

Client Sample ID: SW-1 (3.5')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 17:58	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:36	CH	EET MID

Client Sample ID: SW-2 (3.5')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 18:19	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:41	CH	EET MID

Client Sample ID: SW-3 (3.5')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 18:41	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-3 (3.5')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:47	CH	EET MID

Client Sample ID: SW-4 (3.5')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 15:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 19:03	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:52	CH	EET MID

Client Sample ID: SW-5 (2')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 19:24	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 13:58	CH	EET MID

Client Sample ID: SW-6 (2')

Date Collected: 01/12/23 00:00

Date Received: 01/13/23 14:37

Lab Sample ID: 880-23679-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	43914	01/13/23 14:59	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43862	01/14/23 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 16:54	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	43920	01/13/23 15:53	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 19:46	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	43915	01/13/23 15:19	KS	EET MID
Soluble	Analysis	300.0		1			43965	01/15/23 14:03	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-7 (1')

Lab Sample ID: 880-23679-21

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	43835	01/13/23 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43921	01/13/23 15:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 21:33	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	43916	01/13/23 16:40	KS	EET MID
Soluble	Analysis	300.0		1			43966	01/15/23 14:47	CH	EET MID

Client Sample ID: SW-8 (1')

Lab Sample ID: 880-23679-22

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43835	01/13/23 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43921	01/13/23 15:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 22:38	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	43916	01/13/23 16:40	KS	EET MID
Soluble	Analysis	300.0		1			43966	01/15/23 15:03	CH	EET MID

Client Sample ID: SW-9 (1')

Lab Sample ID: 880-23679-23

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43835	01/13/23 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	43921	01/13/23 15:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 22:59	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	43916	01/13/23 16:40	KS	EET MID
Soluble	Analysis	300.0		1			43966	01/15/23 15:09	CH	EET MID

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-23679-24

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43835	01/13/23 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 20:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 17:00	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Client Sample ID: SW-10 (3.5')

Lab Sample ID: 880-23679-24

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	43921	01/13/23 15:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 23:20	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	43916	01/13/23 16:40	KS	EET MID
Soluble	Analysis	300.0		1			43966	01/15/23 15:14	CH	EET MID

Client Sample ID: SW-11 (3.5')

Lab Sample ID: 880-23679-25

Date Collected: 01/12/23 00:00

Matrix: Solid

Date Received: 01/13/23 14:37

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	43835	01/13/23 15:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	43866	01/14/23 20:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			44073	01/16/23 17:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			44053	01/16/23 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	43921	01/13/23 15:56	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	43943	01/14/23 23:42	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	43916	01/13/23 16:40	KS	EET MID
Soluble	Analysis	300.0		1			43966	01/15/23 15:20	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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
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: Nervous Horz Com #3H (11.27.22)

Job ID: 880-23679-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-23679-1	CS-1 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-2	CS-2 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-3	CS-3 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-4	CS-4 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-5	CS-5 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-6	CS-6 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-7	CS-7 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-8	CS-8 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-9	CS-9 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-10	CS-10 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-11	CS-11 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-12	CS-12 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-13	CS-13 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-14	CS-14 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-15	SW-1 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-16	SW-2 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-17	SW-3 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-18	SW-4 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-19	SW-5 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-20	SW-6 (2')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-21	SW-7 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-22	SW-8 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-23	SW-9 (1')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-24	SW-10 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37
880-23679-25	SW-11 (3.5')	Solid	01/12/23 00:00	01/13/23 14:37

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

Work Order No: 23679

[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
	01/13/23		
Fabian Vargas	1437		

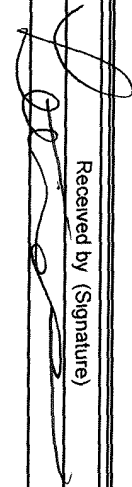
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

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 ☐ Inertland ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables EDD	☐ ADAPT ☐ Other

Project Name		Nervous Horz Com #3H (11 27 22)		Turn Around			ANALYSIS REQUEST												Preservative Codes	
Project Number		1201	☐ Routine ☒ Rush															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	Yes No <td>Wet Ice</td> <td>Yes No</td> <td colspan="10"></td> <td>H₃PO₄ HP</td>	Wet 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 SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont												Sample Comments	
CS-11 (1')		1/12/2023		X		C	1	X	X	X										
CS-12 (1')		1/12/2023		X		C	1	X	X	X										
CS-13 (1')		1/12/2023		X		C	1	X	X	X										
CS-14 (3 5')		1/12/2023		X		C	1	X	X	X										
SW-1 (3 5')		1/12/2023		X		C	1	X	X	X										
SW-2 (3 5')		1/12/2023		X		C	1	X	X	X										
SW-3 (3 5')		1/12/2023		X		C	1	X	X	X										
SW-4 (1 5')		1/12/2023		X		C	1	X	X	X										
SW-5 (2')		1/12/2023		X		C	1	X	X	X										
SW-6 (2')		1/12/2023		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
Fasion Vargas		01/13/23 1437			

Work Order No: 23679

Page 2 of 3

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/PT ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ PRP ☐ Level IV ☐	
Deliverables EDD ☐ ADAPT ☐ Other	

Page 3 of 3

Work Order No: 23470

[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
Fabian Vargas	01/13/23 1437		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-23679-1

SDG Number: Eddy County, New Mexico

Login Number: 23679

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 182872

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 182872
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Going forward, please include in closure report procedures to reclaim pasture, ex. reseeding process.	4/20/2023