



SITE INFORMATION

Closure Report
Outlaw 22 Federal Com 1H
Incident ID: nAPP2604030634
Lea County, New Mexico
Unit B Sec 22 T20S R33E
32.564365°, -103.649230°

Crude Oil & Produced Water Release
Point of Release: Equipment Malfunction
Release Date: 02/07/2026
Volume Released: 2 Barrels of Crude Oil & 1 Barrel of Produced Water
Volume Recovered: 20 Barrels of Crude Oil & 8 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
COG Operating, LLC
600 W Illinois Ave
Midland, Texas 79701

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 CHARACTERIZATION AND GROUNDWATER

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 DEPTH

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C N.O.R. & INITIAL C-141 / NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

April 3, 2026

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

Re: Closure Report
Outlaw 22 Federal Com 1H (02.07.26)
Incident ID: nAPP2604030634
COG Operating, LLC
Site Location: Unit B, S22, T20S, R33E
(Lat 32.564365°, Long -103.649230°)
Lea County, New Mexico

To whom it may concern:

On behalf of COG Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Outlaw 22 Federal Fed Com 1H (02.07.26). The site is located at 32.564365 °, -103.649230 ° within Unit B, S22, T20S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on February 7, 2026, and was caused by equipment failure. The incident released approximately two (2) barrels of crude oil and twenty (20) barrels of produced water. One (1) barrel of crude oil was recovered, and eight (8) barrels of produced water were recovered. Refer to Figure 3 for the area of concern. The Notice of Release and C-141 forms are 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, there are no known water sources within a 0.50-mile radius of the location. The closest well is located approximately 1.65 miles West of the site in S20, T20S, R33E and was drilled in 1996. The well has a reported depth to groundwater of 33.17 feet below ground surface (ft bgs). A copy of the associated point of diversion 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 was utilized in assessing the site.

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

4.0 Site Assessment Activities

Initial Assessment

On February 23, 2026, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of six (6) sample points (S-1 through S-6) and six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 4' bgs



inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figures 3B-3D for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Remediation Activities

Carmona Resources personnel were on site to mark out the proposed excavation areas and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on March 13, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. A total of eight (8) confirmation floor samples (CS-1 through CS-8), and five (5) sidewall samples (SW-1 through SW-5) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

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

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was 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.

Approximately 125 cubic yards of material were excavated and transported off-site for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. COG formally requests the closure of this incident. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-6823.

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
CONOCOPHILLIPS
OUTLAW 22 FEDERAL COM 1H (02.07.26)
LEA COUNTY, NEW MEXICO
32.564365°, -103.649230°



FIGURE 1



TOPOGRAPHIC MAP
CONOCOPHILLIPS
OUTLAW 22 FEDERAL COM 1H (02.07.26)
LEA COUNTY, NEW MEXICO
32.564365°, -103.649230°



FIGURE 2



SAMPLE LOCATION MAP
CONOCOPHILLIPS
OUTLAW 22 FEDERAL COM 1H (02.07.26)
LEA COUNTY, NEW MEXICO
32.564365°, -103.649230°



FIGURE 3



EXCAVATION MAP
CONOCOPHILLIPS
OUTLAW 22 FEDERAL COM 1H (02.07.26)
LEA COUNTY, NEW MEXICO
32.564365°, -103.649230°



FIGURE 4

APPENDIX A

CARMONA RESOURCES



Table 1
ConocoPhillips
Outlaw 22 Federal 1H (02.07.26)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	2/23/2026	0-1	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	519
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	663
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	311
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	195
	"	4	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	226
S-2	2/23/2026	0-1	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	440
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	274
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	143
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.1
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	29.0
S-3	2/23/2026	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	86.0
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	112
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	122
	"	3	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	156
	"	4	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	144
S-4	2/23/2026	0-1	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	94.3
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	145
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	175
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	37.5
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	28.0
S-5	2/23/2026	0-1	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	82.2
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	155
	"	2	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	111
	"	3	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	125
	"	4	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	23.1
S-6	2/23/2026	0-1	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	145
	"	1.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	382
	"	2	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	63.2
	"	3	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	55.9
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	21.7
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

Removed

Table 1
ConocoPhillips
Outlaw 22 Federal 1H (02.07.26)
Lea 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						
H-1	2/23/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.94
H-2	2/23/2026	0-0.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	13.1
H-3	2/23/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
H-4	2/23/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.5
H-5	2/23/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.2
H-6	2/23/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.1
<i>Regulatory Criteria</i> ^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

(H) Horizontal Sample

Table 1
ConocoPhillips
Outlaw 22 Federal 1H (02.07.26)
Lea 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	3/19/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	35.1
CS-2	3/19/2026	2.0'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.1
CS-3	3/19/2026	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	26.2
CS-4	3/19/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.3
CS-5	3/19/2026	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.9
CS-6	3/19/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.6
CS-7	3/19/2026	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	31.7
CS-8	3/19/2026	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.6
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

Table 1
ConocoPhillips
Outlaw 22 Federal 1H (02.07.26)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
SW-1	3/19/2026	2	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.7
SW-2	3/19/2026	2	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	22.6
SW-3	3/19/2026	2	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.8
SW-4	3/19/2026	2	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	23.5
SW-5	3/19/2026	2	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	18.7
Backfill	2/11/2026	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.9
<i>Regulatory Criteria</i> ^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) Sidwall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

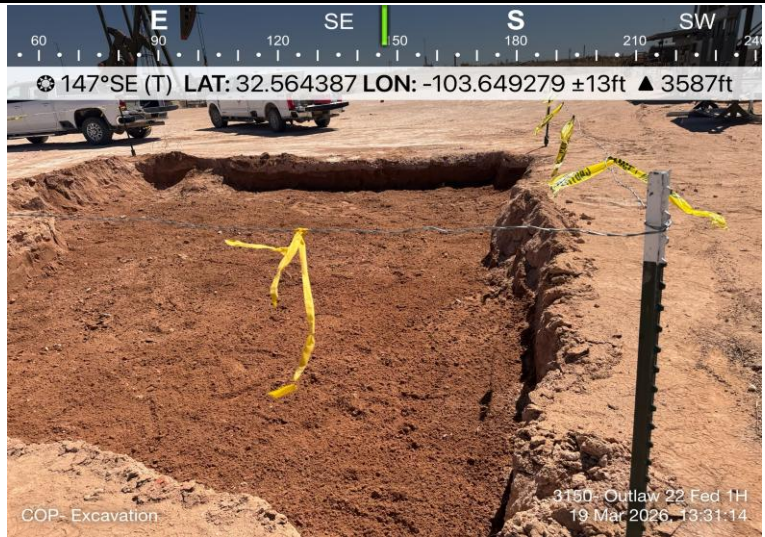
COG Operating, LLC

Photograph No. 1

Facility: Outlaw 22 Federal Com 1H
(02.07.26)

County: Lea County, New Mexico

Description:
View Southeast area of Confirmation Samples (1-8).

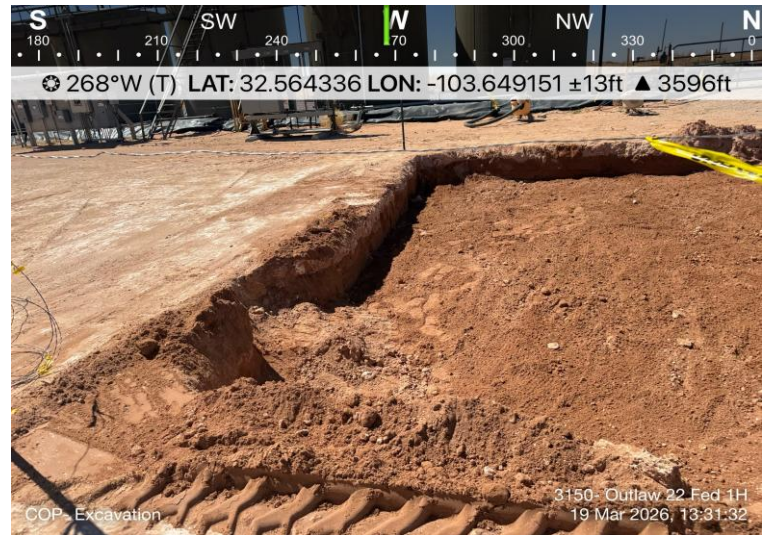


Photograph No. 2

Facility: Outlaw 22 Federal Com 1H
(02.07.26)

County: Lea County, New Mexico

Description:
View West area of Confirmation Samples (1-8).



Photograph No. 3

Facility: Outlaw 22 Federal Com 1H
(02.07.26)

County: Lea County, New Mexico

Description:
View Northeast area of Confirmation Samples (1-8).



APPENDIX C

CARMONA RESOURCES



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

QUESTIONS

Action 551708

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551708
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Outlaw 22 Federal Com 1H
Date Release Discovered	02/07/2026
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Normal Operations Well Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations Well Produced Water Released: 20 BBL Recovered: 8 BBL Lost: 12 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release was the result of pumping unit packing failure.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 551708

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551708
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. 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 prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

ACKNOWLEDGMENTS

Action 551708

ACKNOWLEDGMENTS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551708
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	I acknowledge the fact that 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.
<input checked="" type="checkbox"/>	I acknowledge the fact that, 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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 551708

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551708
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jlaire	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	2/9/2026

Spill Calculation - On-Pad Surface Pool Spill

Received by OCD: 4/6/2026 11:18:21AM

Page 22 of 201

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated <u>Pool</u> Area (sq. ft.)	Estimated volume of each pool area (bbl.)	Penetration allowance (ft.)	Total Estimated Volume of Spill (bbl.)	Percentage of Oil if Spilled Fluid is a Mixture (%)	Total Estimated Volume of Spilled Oil (bbl.)	Total Estimated Volume of Spilled Liquid other than Oil (bbl.)
Rectangle A	90	45	0.3	4050.00	15.02	0.00	15.03	8%	1.20	13.83
Rectangle B	50	30	0.3	1500.00	6.68	0.00	6.68		0.53	6.15
Rectangle C				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle D				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle E				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle F				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle G				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle H				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle I				0.00	0.00	0.00	0.00		0.00	0.00
Rectangle J				0.00	0.00	0.00	0.00		0.00	0.00
Total Surface Pool Volume Released, Release to Soil/Caliche:							21.7177		1.7374	19.9803

Released to Imaging: 5/13/2026 8:07:23 AM

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 551718

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551718
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604030634
Incident Name	NAPP2604030634 OUTLAW 22 FEDERAL COM 1H @ 30-025-40725
Incident Type	Release Other
Incident Status	Initial C-141 Received
Incident Well	[30-025-40725] OUTLAW 22 FEDERAL COM #001H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Outlaw 22 Federal Com 1H
Date Release Discovered	02/07/2026
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Normal Operations Well Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations Well Produced Water Released: 20 BBL Recovered: 8 BBL Lost: 12 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release was the result of pumping unit packing failure.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 551718

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551718
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 02/09/2026
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 551718

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551718
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 551718

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 551718
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	2/9/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 562563

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 562563
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604030634
Incident Name	NAPP2604030634 OUTLAW 22 FEDERAL COM 1H @ 30-025-40725
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-40725] OUTLAW 22 FEDERAL COM #001H

Location of Release Source	
Site Name	Outlaw 22 Federal Com 1H
Date Release Discovered	02/07/2026
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	1,439
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/19/2026
Time sampling will commence	08:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.564373, -103.649238

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 562563

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 562563
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jlaird	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	3/12/2026
jlaird	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	3/12/2026

APPENDIX D

CARMONA RESOURCES



Nearest Water Well

COG Operating

Legend

- 0.50 Mile Radius
- 1.34 Miles
- 1.65 Miles
- 1.82 Miles
- Groundwater Determination Bore
- Outlaw 22 Federal Com 1H (02.07.2026)
- USGS Water Well

33.17' - Drilled 1996



Outlaw 22 Federal Com 1H (02.07.2026)

173.99' - Drilled 1976



105' GWDB - Drilled 2025





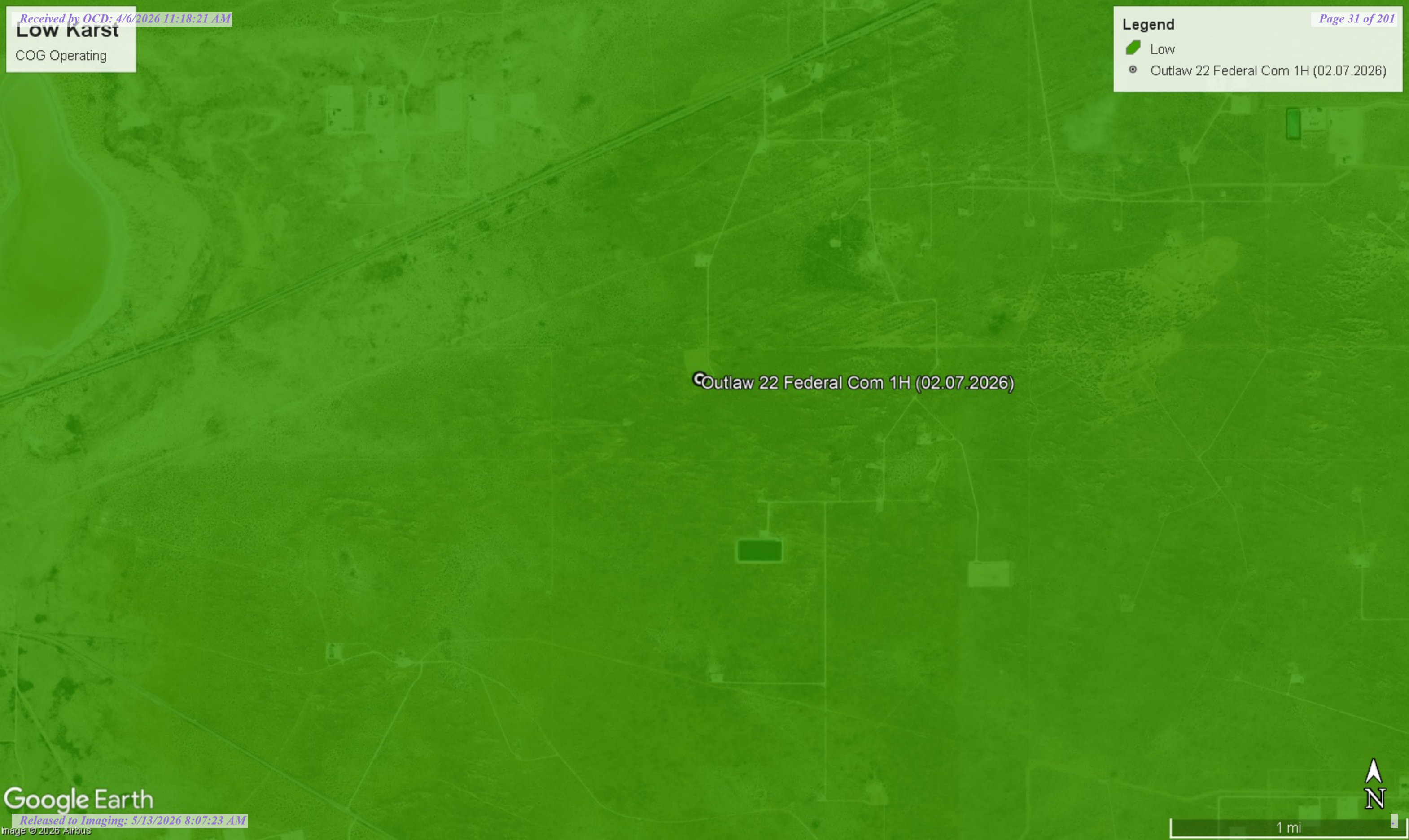
1 mi

Low Karst

COG Operating

Legend

-  Low
-  Outlaw 22 Federal Com 1H (02.07.2026)



Outlaw 22 Federal Com 1H (02.07.2026)





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 smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 02082 POD1		CP	LE	SE	SW	SE	23	20S	33E	628523.9	3602412.6	●	2168	105		
CP 01980 POD1		CP	LE	NE	SW	SW	11	20S	33E	627611.5	3605794.6	●	2174	55	36	19
CP 00798 POD1		CP	LE	NE	NW	NW	24	20S	33E	629348.0	3603892.0 *	●	2521	850		
CP 01151 POD1		CP	LE				32	22S	36E	627036.9	3601186.2	●	2587	823		
CP 00653 POD1		CP	LE		SE	SE	04	20S	33E	625573.0	3607367.0 *	●	3814	60		

Average Depth to Water: **36 feet**

Minimum Depth: **36 feet**

Maximum Depth: **36 feet**

Record Count: 5

UTM Filters (in meters):

Easting: 626829.42

Northing: 3603765.65

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod-1		WELL TAG ID NO.		OSE FILE NO(S). CP-2082	
	WELL OWNER NAME(S) Coterra Energy CO.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 840 Gessner Rd.				CITY Houston	STATE ZIP TX 77024-4152
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 33	SECONDS 6.00	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
		LONGITUDE 103	37	52.00	W	* DATUM REQUIRED: WGS 84
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SWSE S-23 T-20S R-33E						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 8/21/25	DRILLING ENDED 8/21/25	DEPTH OF COMPLETED WELL (FT) 105	BORE HOLE DEPTH (FT) 105	DEPTH WATER FIRST ENCOUNTERED (FT) Dry Hole			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 8/24/25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
				No Casing left in hole				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CP-02082	POD NO. 1	TRN NO. 790052
LOCATION 206. 33E. 23. 434	WELL TAG ID NO.	PAGE 1 OF 2

Elizabeth K. Anderson, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 790052
File Nbr: CP 02082
Well File Nbr: CP 02082 POD1

Sep. 22, 2025

JAMES HAWLEY
H&R ENTERPRISES, LLC
PO BOX 3641
HOBBS, NM 88241

Greetings:

The above numbered permit was issued in your name on 08/05/2025.

The Well Record was received in this office on 09/05/2025, stating that it had been completed on 08/21/2025, and was a dry well. The well is to be plugged according to 19.27.4.30 NMAC.

Please note that another well can be drilled under this permit if the well is completed and the well log filed on or before .

If you have any questions, please feel free to contact us.

Sincerely,

A handwritten signature in black ink, appearing to read "Rodolfo Chavez".

Rodolfo Chavez
(575) 622-6521

drywell

2/10/26, 9:56 AM

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	? Meth meas
						Groundwater	New Mexico	GO

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

i Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the [modernized pages in WDFN](#) that suit you best. Learn more about our [modernization plans and timeline](#) and [new pages](#).

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 323341103403501

Minimum number of levels = 1

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

USGS 323341103403501 20S.33E.20.22224

Lea County, New Mexico

Latitude 32°33'55", Longitude 103°40'38" NAD27

Land-surface elevation 3,536.00 feet above NGVD29

The depth of the well is 52 feet below land surface.

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1968-03-19			D 62610		3498.99	NGVD29	1	Z			A
1968-03-19			D 62611		3500.55	NAVD88	1	Z			A
1968-03-19			D 72019	37.01			1	Z			A
1971-02-03			D 62610		3499.16	NGVD29	1	Z			A
1971-02-03			D 62611		3500.72	NAVD88	1	Z			A
1971-02-03			D 72019	36.84			1	Z			A
1972-09-25			D 62610		3499.35	NGVD29	1	Z			A
1972-09-25			D 62611		3500.91	NAVD88	1	Z			A
1972-09-25			D 72019	36.65			1	Z			A
1976-02-24			D 62610		3499.86	NGVD29	1	Z			A
1976-02-24			D 62611		3501.42	NAVD88	1	Z			A
1976-02-24			D 72019	36.14			1	Z			A
1981-02-19			D 62610		3501.00	NGVD29	1	Z			A
1981-02-19			D 62611		3502.56	NAVD88	1	Z			A
1981-02-19			D 72019	35.00			1	Z			A
1986-03-25			D 62610		3501.53	NGVD29	1	Z			A
1986-03-25			D 62611		3503.09	NAVD88	1	Z			A
1986-03-25			D 72019	34.47			1	Z			A
1991-05-23			D 62610		3502.07	NGVD29	1	Z			A
1991-05-23			D 62611		3503.63	NAVD88	1	Z			A
1991-05-23			D 72019	33.93			1	Z			A
1996-02-02			D 62610		3502.83	NGVD29	1	S			A
1996-02-02			D 62611		3504.39	NAVD88	1	S			A
1996-02-02			D 72019	33.17			1	S			A

2/10/26, 9:56 AM

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	? Methc measi
Parameter code			02610	Groundwater level above NAVD 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 or Comments](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[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: 2026-02-10 10:53:58 EST

0.43 0.32 nadww01





USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Geographic Area:

Click to hide News Bulletins

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

Groundwater levels for New Mexico

Click to hide state-specific text

i Ground water level pages will be decommissioned in early 2026. These gwlevel pages are frozen as of November 18th, 2025. Please find the [modernized pages in WDFN](#) that suit you best. Learn more about our [modernization plans and timeline](#) and [new pages](#).

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 323335103370601

Minimum number of levels = 1

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

USGS 323335103370601 20S.33E.24.12411

Lea County, New Mexico
Latitude 32°33'35", Longitude 103°37'06" NAD27
Land-surface elevation 3,641 feet above NAVD88
The depth of the well is 676 feet below land surface.
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	? Water-level approval status
1968-03-19			D	62610		NGVD29	1	Z			A
1968-03-19			D	62611		NAVD88	1	Z			A
1968-03-19			D	72019	396.81		1	Z			A
1971-02-03			D	62610		NGVD29	P	Z			A
1971-02-03			D	62611		NAVD88	P	Z			A
1971-02-03			D	72019	413.55		P	Z			A
1972-09-22			D	62610		NGVD29	1	Z			A
1972-09-22			D	62611		NAVD88	1	Z			A
1972-09-22			D	72019	404.70		1	Z			A
1976-02-20			D	62610		NGVD29	P	Z			A
1976-02-20			D	62611		NAVD88	P	Z			A
1976-02-20			D	72019	439.31		P	Z			A
1976-04-15			D	62610		NGVD29	1	Z			A
1976-04-15			D	62611		NAVD88	1	Z			A
1976-04-15			D	72019	173.99		1	Z			A

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

2/10/26, 9:58 AM

Section	Code	Description
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Status	P	Pumping
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 or Comments](#)
- [Help](#)
- [Data Tips](#)
- [Explanation of terms](#)
- [Subscribe for system changes](#)

[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?>

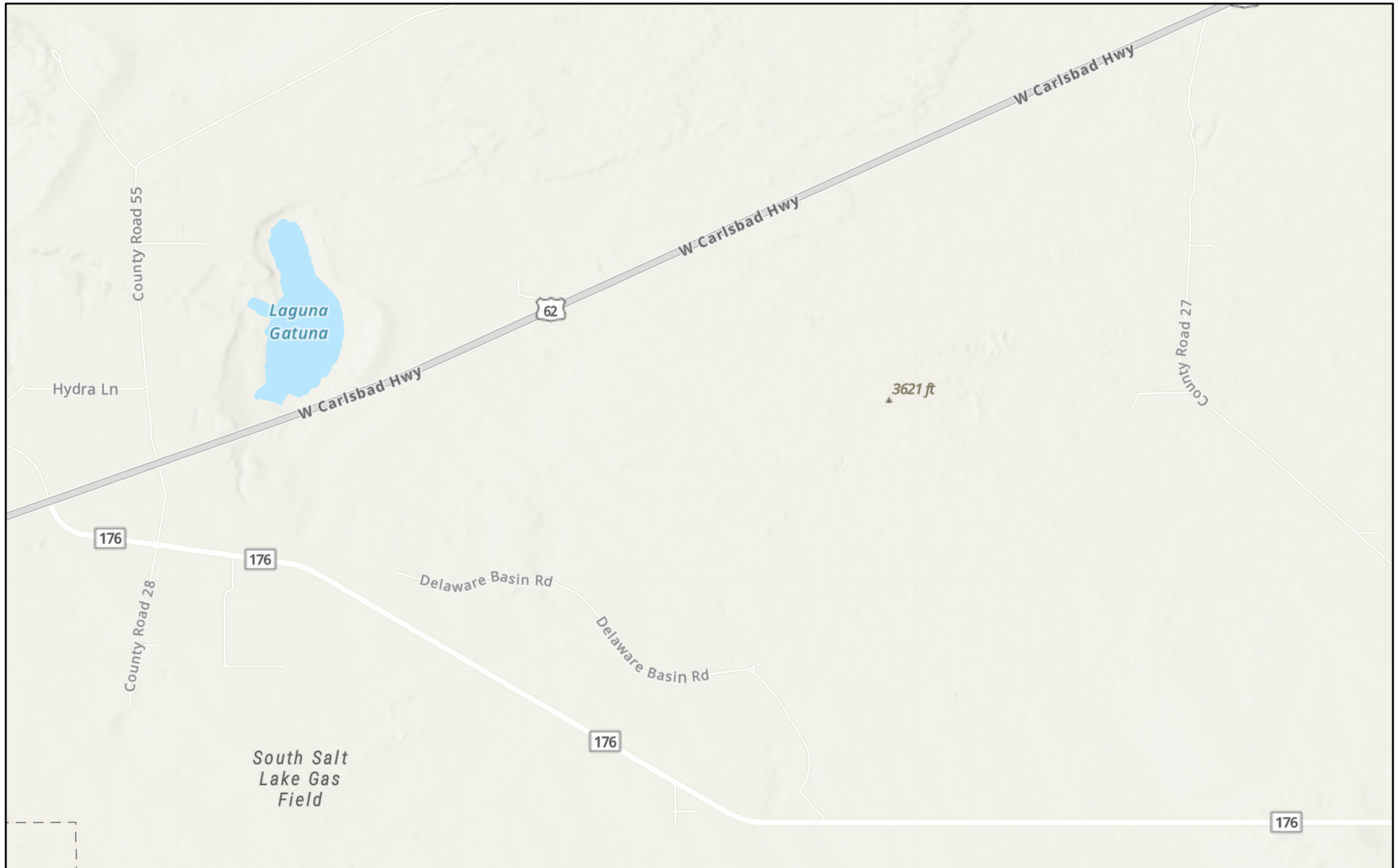


Page Contact Information: [New Mexico Water Data Maintainer](#)

Page Last Modified: 2026-02-10 10:57:33 EST

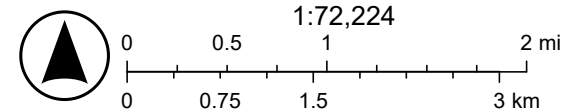
0.4 0.3 nadww01

Outlaw 22 Federal Com 1H (02.07.2026)



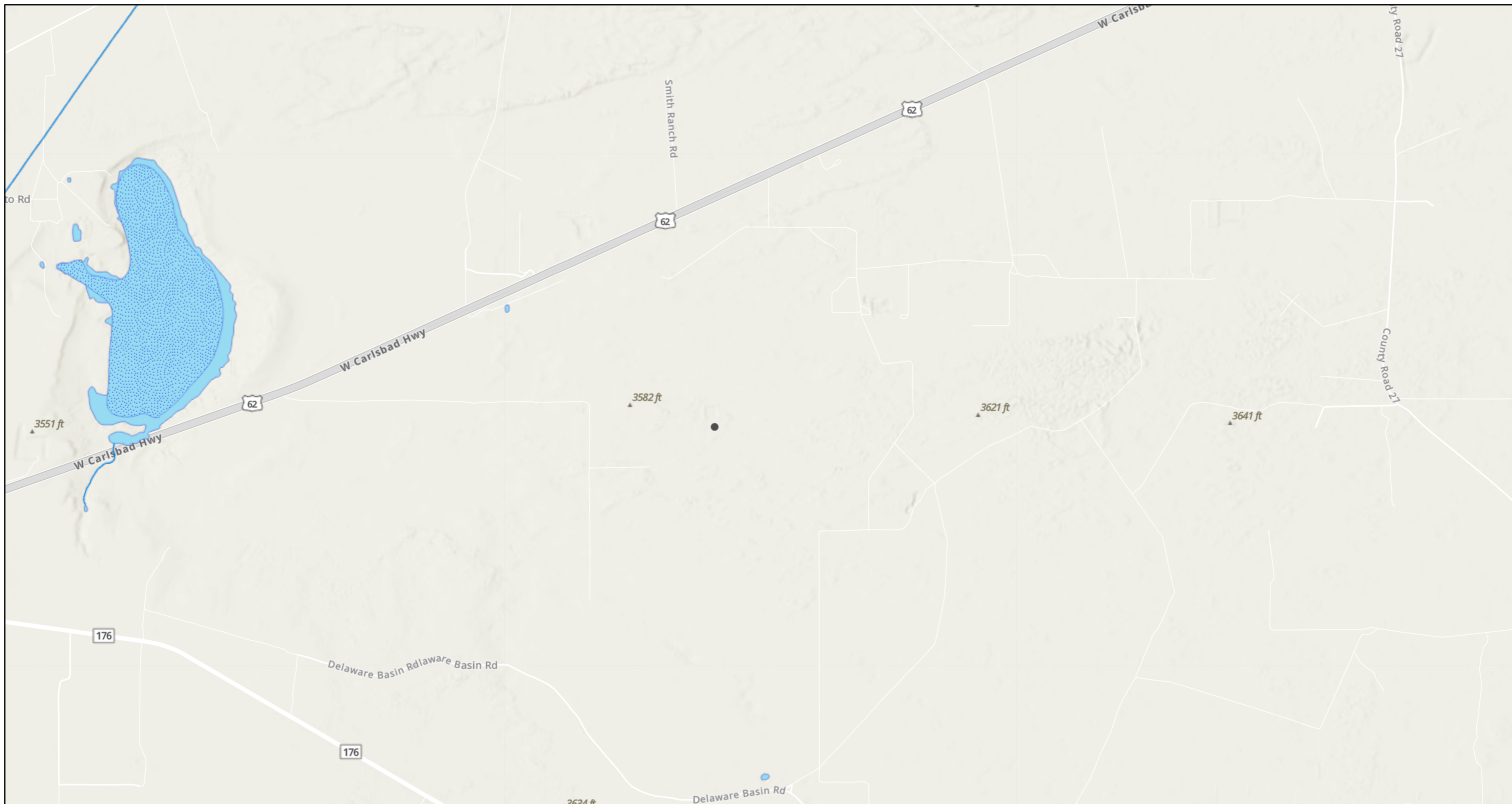
2/10/2026

World_Hillshade



Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

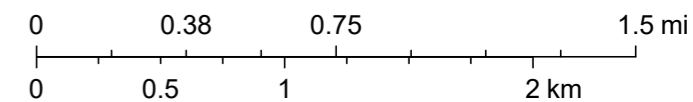
Outlaw 22 Federal Com 1H (02.07.2026)



2/10/2026, 9:48:57 AM

- OSW Water Bodys
- OSE Probable Playas
- OSE Streams

1:36,112

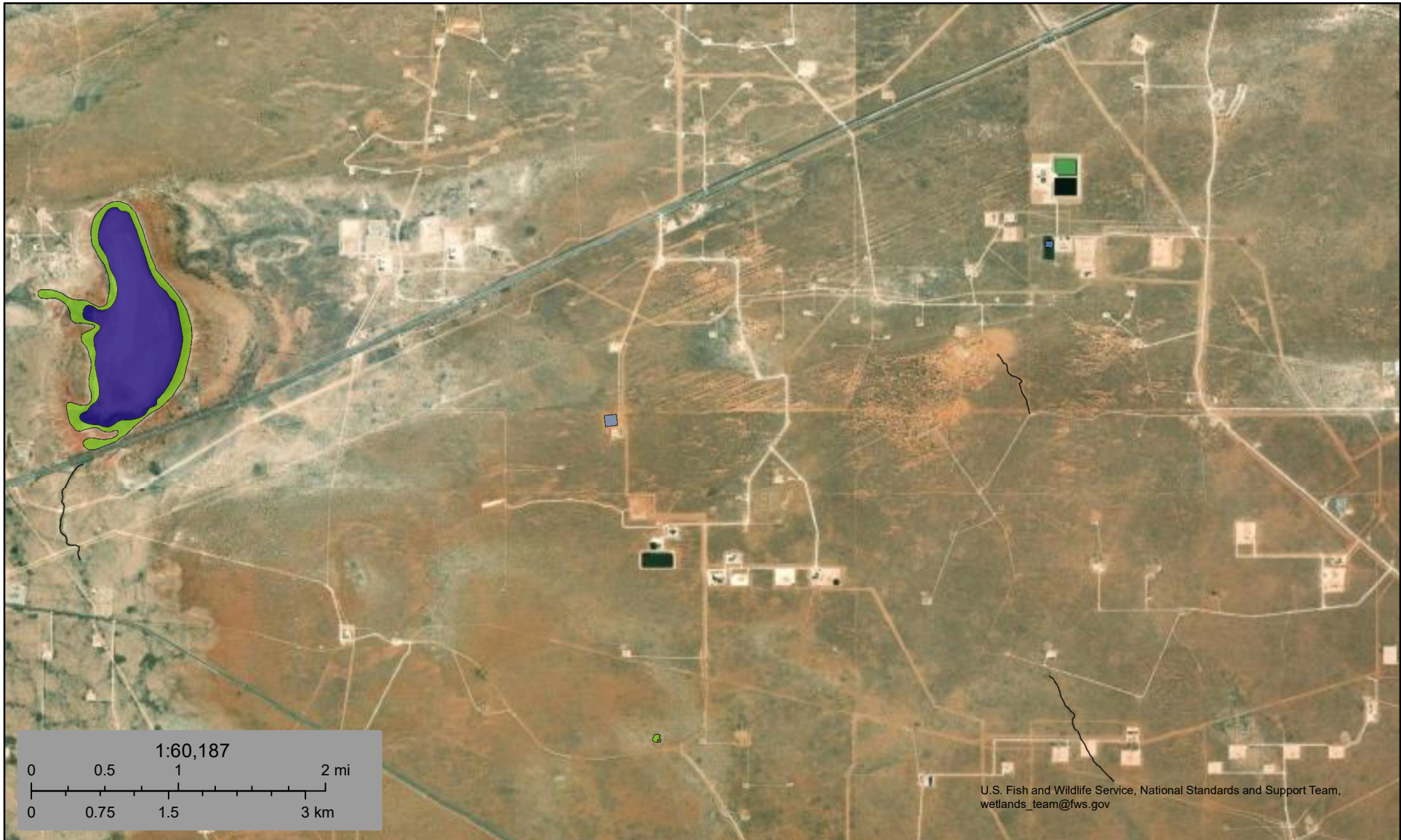


Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE



U.S. Fish and Wildlife Service
National Wetlands Inventory

Outlaw 22 Federal Com 1H (02.07.2026)



February 10, 2026

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

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 500
 Midland, Texas 79701

Generated 3/4/2026 1:51:26 PM

JOB DESCRIPTION

Outlaw 22 Federal 1H (02.07.26)
 Lea County New Mexico

JOB NUMBER

880-68892-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
3/4/2026 1:51:26 PM

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

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Laboratory Job ID: 880-68892-1
SDG: Lea County New Mexico

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	29
QC Sample Results	31
QC Association Summary	41
Lab Chronicle	49
Certification Summary	59
Method Summary	60
Sample Summary	61
Chain of Custody	62
Receipt Checklists	65

Definitions/Glossary

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1

Job ID: 880-68892-1

Eurofins Midland

Job Narrative 880-68892-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/27/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.6°C.

GC VOA

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-133273 and analytical batch 880-133377 recovered outside control limits for the following analytes: m,p-Xylenes.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-133273 and analytical batch 880-133377 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.

Diesel Range Organics

Method 8015B NM: CCV was biased low for diesel range hydrocarbons. However, another CCV was analyzed and acceptable within the 12 hour window; therefore, the data was qualified and reported.

(CCV 880-133651/112)

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-133289 and analytical batch 880-133319 were outside control limits for Chloride. 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.

The associated samples are: S-1 (1.5') (880-68892-2), S-1 (2') (880-68892-3), S-1 (3') (880-68892-4), S-1 (4') (880-68892-5), S-2 (0-1') (880-68892-6), S-2 (1.5') (880-68892-7), S-2 (2') (880-68892-8), S-2 (3') (880-68892-9), S-2 (4') (880-68892-10), S-3 (0-1') (880-68892-11), (880-68892-A-2-F MS) and (880-68892-A-2-G MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-133288 and analytical batch 880-133320 were outside control limits for Chloride. 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.

The associated samples are: S-1 (0-1') (880-68892-1), (880-68890-A-2-B), (880-68890-A-2-C MS) and (880-68890-A-2-D MSD).

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68892-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 13:16	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/27/26 12:10	03/01/26 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 13:16	1
m,p-Xylenes	<0.00399	U *-	0.00399		mg/Kg		02/27/26 12:10	03/01/26 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 13:16	1
Xylenes, Total	<0.00399	U *-	0.00399		mg/Kg		02/27/26 12:10	03/01/26 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	02/27/26 12:10	03/01/26 13:16	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/27/26 12:10	03/01/26 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 13:16	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	U	50.1		mg/Kg			03/03/26 17:20	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	<50.1	U	50.1		mg/Kg		02/27/26 11:34	03/03/26 17:20	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/27/26 11:34	03/03/26 17:20	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/27/26 11:34	03/03/26 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130	02/27/26 11:34	03/03/26 17:20	1
o-Terphenyl (Surr)	91		70 - 130	02/27/26 11:34	03/03/26 17:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	519		9.98		mg/Kg			02/28/26 15:16	1

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68892-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 13:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 13:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 13:37	1
m,p-Xylenes	<0.00402	U *-	0.00402		mg/Kg		02/27/26 12:10	03/01/26 13:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 13:37	1
Xylenes, Total	<0.00402	U *-	0.00402		mg/Kg		02/27/26 12:10	03/01/26 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	02/27/26 12:10	03/01/26 13:37	1
1,4-Difluorobenzene (Surr)	80		70 - 130	02/27/26 12:10	03/01/26 13:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68892-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 12:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 12:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				02/27/26 11:34	03/03/26 12:09	1
o-Terphenyl (Surr)	106		70 - 130				02/27/26 11:34	03/03/26 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	663	F1	10.1		mg/Kg			02/28/26 16:10	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68892-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 13:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 13:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 13:57	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 13:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 13:57	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 13:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				02/27/26 12:10	03/01/26 13:57	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/27/26 12:10	03/01/26 13:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 12:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68892-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/27/26 11:34	03/03/26 12:51	1
o-Terphenyl (Surr)	114		70 - 130				02/27/26 11:34	03/03/26 12:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	311		10.0		mg/Kg			02/28/26 16:30	1

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68892-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 14:18	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 14:18	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				02/27/26 12:10	03/01/26 14:18	1
1,4-Difluorobenzene (Surr)	82		70 - 130				02/27/26 12:10	03/01/26 14:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/03/26 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 13:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 13:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130				02/27/26 11:34	03/03/26 13:06	1
o-Terphenyl (Surr)	106		70 - 130				02/27/26 11:34	03/03/26 13:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	195		10.0		mg/Kg			02/28/26 16:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68892-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 14:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 14:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 14:38	1
m,p-Xylenes	<0.00396	U *	0.00396		mg/Kg		02/27/26 12:10	03/01/26 14:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 14:38	1
Xylenes, Total	<0.00396	U *	0.00396		mg/Kg		02/27/26 12:10	03/01/26 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/27/26 12:10	03/01/26 14:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/27/26 12:10	03/01/26 14:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/03/26 13:20	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	<50.3	U	50.3		mg/Kg		02/27/26 11:34	03/03/26 13:20	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/27/26 11:34	03/03/26 13:20	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/27/26 11:34	03/03/26 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	02/27/26 11:34	03/03/26 13:20	1
o-Terphenyl (Surr)	116		70 - 130	02/27/26 11:34	03/03/26 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	226		9.96		mg/Kg			02/28/26 16:43	1

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68892-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 14:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 14:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 14:59	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		02/27/26 12:10	03/01/26 14:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 14:59	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/27/26 12:10	03/01/26 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	02/27/26 12:10	03/01/26 14:59	1
1,4-Difluorobenzene (Surr)	80		70 - 130	02/27/26 12:10	03/01/26 14:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68892-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/03/26 13:34	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	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 13:34	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 13:34	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				02/27/26 11:34	03/03/26 13:34	1
o-Terphenyl (Surr)	105		70 - 130				02/27/26 11:34	03/03/26 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		9.90		mg/Kg			02/28/26 16:50	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68892-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 15:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 15:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 15:20	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		02/27/26 12:10	03/01/26 15:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 15:20	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		02/27/26 12:10	03/01/26 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				02/27/26 12:10	03/01/26 15:20	1
1,4-Difluorobenzene (Surr)	74		70 - 130				02/27/26 12:10	03/01/26 15:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 13:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 13:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 13:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68892-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 13:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				02/27/26 11:34	03/03/26 13:49	1
o-Terphenyl (Surr)	108		70 - 130				02/27/26 11:34	03/03/26 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		9.94		mg/Kg			02/28/26 17:10	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68892-8

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 15:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 15:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 15:40	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 15:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 15:40	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130				02/27/26 12:10	03/01/26 15:40	1
1,4-Difluorobenzene (Surr)	75		70 - 130				02/27/26 12:10	03/01/26 15:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				02/27/26 11:34	03/03/26 14:03	1
o-Terphenyl (Surr)	113		70 - 130				02/27/26 11:34	03/03/26 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		10.1		mg/Kg			02/28/26 17:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68892-9

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 16:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 16:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 16:01	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 16:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 16:01	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	02/27/26 12:10	03/01/26 16:01	1
1,4-Difluorobenzene (Surr)	82		70 - 130	02/27/26 12:10	03/01/26 16:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/03/26 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 14:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 14:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	02/27/26 11:34	03/03/26 14:17	1
o-Terphenyl (Surr)	112		70 - 130	02/27/26 11:34	03/03/26 14:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.1		10.1		mg/Kg			02/28/26 17:23	1

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68892-10

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 16:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 16:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 16:21	1
m,p-Xylenes	<0.00396	U *	0.00396		mg/Kg		02/27/26 12:10	03/01/26 16:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 16:21	1
Xylenes, Total	<0.00396	U *	0.00396		mg/Kg		02/27/26 12:10	03/01/26 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/27/26 12:10	03/01/26 16:21	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/27/26 12:10	03/01/26 16:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68892-10

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 14:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 14:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 14:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				02/27/26 11:34	03/03/26 14:31	1
o-Terphenyl (Surr)	111		70 - 130				02/27/26 11:34	03/03/26 14:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.0		10.1		mg/Kg			02/28/26 17:30	1

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

Lab Sample ID: 880-68892-11

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 17:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 17:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 17:56	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		02/27/26 12:10	03/01/26 17:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 17:56	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/27/26 12:10	03/01/26 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				02/27/26 12:10	03/01/26 17:56	1
1,4-Difluorobenzene (Surr)	80		70 - 130				02/27/26 12:10	03/01/26 17:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68892-11

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				02/27/26 11:34	03/03/26 14:46	1
o-Terphenyl (Surr)	96		70 - 130				02/27/26 11:34	03/03/26 14:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.0		9.98		mg/Kg			02/28/26 17:37	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68892-12

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 18:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 18:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 18:16	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		02/27/26 12:10	03/01/26 18:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 18:16	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		02/27/26 12:10	03/01/26 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				02/27/26 12:10	03/01/26 18:16	1
1,4-Difluorobenzene (Surr)	79		70 - 130				02/27/26 12:10	03/01/26 18:16	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			03/01/26 18:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				02/27/26 11:34	03/03/26 15:14	1
o-Terphenyl (Surr)	96		70 - 130				02/27/26 11:34	03/03/26 15:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		10.0		mg/Kg			02/28/26 17:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68892-13

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 18:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 18:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 18:37	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 18:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 18:37	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	02/27/26 12:10	03/01/26 18:37	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/27/26 12:10	03/01/26 18:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 18:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 15:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 15:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 15:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	02/27/26 11:34	03/03/26 15:28	1
o-Terphenyl (Surr)	104		70 - 130	02/27/26 11:34	03/03/26 15:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		10.1		mg/Kg			02/28/26 18:03	1

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68892-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 18:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 18:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 18:58	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 18:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 18:58	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	02/27/26 12:10	03/01/26 18:58	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/27/26 12:10	03/01/26 18:58	1

Euofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68892-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 15:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 15:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 15:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				02/27/26 11:34	03/03/26 15:42	1
o-Terphenyl (Surr)	100		70 - 130				02/27/26 11:34	03/03/26 15:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	156		10.0		mg/Kg			02/28/26 18:10	1

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68892-15

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 19:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 19:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 19:18	1
m,p-Xylenes	<0.00396	U *	0.00396		mg/Kg		02/27/26 12:10	03/01/26 19:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/27/26 12:10	03/01/26 19:18	1
Xylenes, Total	<0.00396	U *	0.00396		mg/Kg		02/27/26 12:10	03/01/26 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				02/27/26 12:10	03/01/26 19:18	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/27/26 12:10	03/01/26 19:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68892-15

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				02/27/26 11:34	03/03/26 15:56	1
o-Terphenyl (Surr)	104		70 - 130				02/27/26 11:34	03/03/26 15:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		10.1		mg/Kg			02/28/26 18:30	1

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-68892-16

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:39	1
m,p-Xylenes	<0.00400	U *	0.00400		mg/Kg		02/27/26 12:10	03/01/26 19:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:39	1
Xylenes, Total	<0.00400	U *	0.00400		mg/Kg		02/27/26 12:10	03/01/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/27/26 12:10	03/01/26 19:39	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/27/26 12:10	03/01/26 19:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/01/26 19:39	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			03/03/26 16:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				02/27/26 11:34	03/03/26 16:10	1
o-Terphenyl (Surr)	110		70 - 130				02/27/26 11:34	03/03/26 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.3		10.1		mg/Kg			02/28/26 18:37	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-68892-17

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:59	1
m,p-Xylenes	<0.00399	U *	0.00399		mg/Kg		02/27/26 12:10	03/01/26 19:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 19:59	1
Xylenes, Total	<0.00399	U *	0.00399		mg/Kg		02/27/26 12:10	03/01/26 19:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	02/27/26 12:10	03/01/26 19:59	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/27/26 12:10	03/01/26 19:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 19:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	02/27/26 11:34	03/03/26 16:24	1
o-Terphenyl (Surr)	110		70 - 130	02/27/26 11:34	03/03/26 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		10.1		mg/Kg			02/28/26 18:43	1

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68892-18

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 20:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 20:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 20:20	1
m,p-Xylenes	<0.00402	U *	0.00402		mg/Kg		02/27/26 12:10	03/01/26 20:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/27/26 12:10	03/01/26 20:20	1
Xylenes, Total	<0.00402	U *	0.00402		mg/Kg		02/27/26 12:10	03/01/26 20:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	02/27/26 12:10	03/01/26 20:20	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/27/26 12:10	03/01/26 20:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68892-18

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 20:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				02/27/26 11:34	03/03/26 16:38	1
o-Terphenyl (Surr)	104		70 - 130				02/27/26 11:34	03/03/26 16:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	175		9.98		mg/Kg			02/28/26 18:50	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68892-19

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 20:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 20:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 20:40	1
m,p-Xylenes	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 20:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/27/26 12:10	03/01/26 20:40	1
Xylenes, Total	<0.00404	U *	0.00404		mg/Kg		02/27/26 12:10	03/01/26 20:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				02/27/26 12:10	03/01/26 20:40	1
1,4-Difluorobenzene (Surr)	80		70 - 130				02/27/26 12:10	03/01/26 20:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 20:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/03/26 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 16:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 16:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68892-19

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 16:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/27/26 11:34	03/03/26 16:52	1
o-Terphenyl (Surr)	107		70 - 130				02/27/26 11:34	03/03/26 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.5		9.92		mg/Kg			02/28/26 18:57	1

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68892-20

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 21:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 21:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 21:01	1
m,p-Xylenes	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 21:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/27/26 12:10	03/01/26 21:01	1
Xylenes, Total	<0.00398	U *	0.00398		mg/Kg		02/27/26 12:10	03/01/26 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				02/27/26 12:10	03/01/26 21:01	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/27/26 12:10	03/01/26 21:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 21:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				02/27/26 11:34	03/03/26 17:06	1
o-Terphenyl (Surr)	108		70 - 130				02/27/26 11:34	03/03/26 17:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.0		9.94		mg/Kg			02/28/26 19:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-68892-21

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 13:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 13:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/01/26 12:35	03/01/26 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 13:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/01/26 12:35	03/01/26 13:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	03/01/26 12:35	03/01/26 13:16	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/01/26 12:35	03/01/26 13:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/01/26 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/03/26 17:20	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	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 17:20	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 17:20	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	02/27/26 11:34	03/03/26 17:20	1
o-Terphenyl (Surr)	95		70 - 130	02/27/26 11:34	03/03/26 17:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	82.2		9.94		mg/Kg			02/28/26 19:10	1

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-68892-22

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 13:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 13:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 13:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/01/26 12:35	03/01/26 13:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 13:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/01/26 12:35	03/01/26 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	03/01/26 12:35	03/01/26 13:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/01/26 12:35	03/01/26 13:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-68892-22

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	02/27/26 11:34	03/03/26 14:09	1
o-Terphenyl (Surr)	115		70 - 130	02/27/26 11:34	03/03/26 14:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		9.98		mg/Kg			02/28/26 20:04	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68892-23

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 13:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 13:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 13:57	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/01/26 12:35	03/01/26 13:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 13:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/01/26 12:35	03/01/26 13:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	03/01/26 12:35	03/01/26 13:57	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/01/26 12:35	03/01/26 13:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 13:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68892-23

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				02/27/26 11:34	03/03/26 14:54	1
o-Terphenyl (Surr)	127		70 - 130				02/27/26 11:34	03/03/26 14:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.94		mg/Kg			02/28/26 20:24	1

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68892-24

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 14:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/01/26 12:35	03/01/26 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 14:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/01/26 12:35	03/01/26 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				03/01/26 12:35	03/01/26 14:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/01/26 12:35	03/01/26 14:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/03/26 15:09	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	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 15:09	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 15:09	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				02/27/26 11:34	03/03/26 15:09	1
o-Terphenyl (Surr)	134	S1+	70 - 130				02/27/26 11:34	03/03/26 15:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		9.92		mg/Kg			02/28/26 20:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68892-25

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 14:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 14:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 14:38	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/01/26 12:35	03/01/26 14:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 14:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/01/26 12:35	03/01/26 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	03/01/26 12:35	03/01/26 14:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/01/26 12:35	03/01/26 14:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/03/26 15:24	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	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 15:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 15:24	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/27/26 11:34	03/03/26 15:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	02/27/26 11:34	03/03/26 15:24	1
o-Terphenyl (Surr)	132	S1+	70 - 130	02/27/26 11:34	03/03/26 15:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		10.0		mg/Kg			02/28/26 20:37	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68892-26

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 14:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 14:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 14:59	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/01/26 12:35	03/01/26 14:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/01/26 12:35	03/01/26 14:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/01/26 12:35	03/01/26 14:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	03/01/26 12:35	03/01/26 14:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/01/26 12:35	03/01/26 14:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68892-26

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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			03/01/26 14:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/03/26 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 15:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 15:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				02/27/26 11:34	03/03/26 15:39	1
o-Terphenyl (Surr)	132	S1+	70 - 130				02/27/26 11:34	03/03/26 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		10.0		mg/Kg			02/28/26 20:44	1

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-68892-27

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 15:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 15:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 15:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/01/26 12:35	03/01/26 15:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/01/26 12:35	03/01/26 15:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/01/26 12:35	03/01/26 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				03/01/26 12:35	03/01/26 15:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/01/26 12:35	03/01/26 15:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/01/26 15:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-68892-27

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				02/27/26 11:34	03/03/26 15:54	1
o-Terphenyl (Surr)	135	S1+	70 - 130				02/27/26 11:34	03/03/26 15:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	382		10.0		mg/Kg			02/28/26 21:04	1

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68892-28

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 15:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 15:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 15:39	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/01/26 12:35	03/01/26 15:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/01/26 12:35	03/01/26 15:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/01/26 12:35	03/01/26 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				03/01/26 12:35	03/01/26 15:39	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/01/26 12:35	03/01/26 15:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/01/26 15:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/03/26 16:09	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	<50.4	U	50.4		mg/Kg		02/27/26 11:34	03/03/26 16:09	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/27/26 11:34	03/03/26 16:09	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/27/26 11:34	03/03/26 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				02/27/26 11:34	03/03/26 16:09	1
o-Terphenyl (Surr)	134	S1+	70 - 130				02/27/26 11:34	03/03/26 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.2		10.1		mg/Kg			02/28/26 21:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (3')

Lab Sample ID: 880-68892-29

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 16:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 16:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 16:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/01/26 12:35	03/01/26 16:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/01/26 12:35	03/01/26 16:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/01/26 12:35	03/01/26 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/01/26 12:35	03/01/26 16:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/01/26 12:35	03/01/26 16:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/01/26 16:00	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			03/03/26 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	02/27/26 11:34	03/03/26 16:24	1
o-Terphenyl (Surr)	127		70 - 130	02/27/26 11:34	03/03/26 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.9		9.96		mg/Kg			02/28/26 21:17	1

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68892-30

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 16:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 16:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 16:20	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/01/26 12:35	03/01/26 16:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/01/26 12:35	03/01/26 16:20	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/01/26 12:35	03/01/26 16:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/01/26 12:35	03/01/26 16:20	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/01/26 12:35	03/01/26 16:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68892-30

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/01/26 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				02/27/26 11:34	03/03/26 16:39	1
o-Terphenyl (Surr)	127		70 - 130				02/27/26 11:34	03/03/26 16:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.7		9.92		mg/Kg			02/28/26 21:24	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea 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)
880-68892-1	S-1 (0-1')	80	84
880-68892-1 MS	S-1 (0-1')	95	87
880-68892-1 MSD	S-1 (0-1')	130	131 S1+
880-68892-2	S-1 (1.5')	76	80
880-68892-3	S-1 (2')	77	87
880-68892-4	S-1 (3')	73	82
880-68892-5	S-1 (4')	100	94
880-68892-6	S-2 (0-1')	75	80
880-68892-7	S-2 (1.5')	75	74
880-68892-8	S-2 (2')	75	75
880-68892-9	S-2 (3')	79	82
880-68892-10	S-2 (4')	99	109
880-68892-11	S-3 (0-1')	78	80
880-68892-12	S-3 (1.5')	78	79
880-68892-13	S-3 (2')	73	81
880-68892-14	S-3 (3')	73	78
880-68892-15	S-3 (4')	88	90
880-68892-16	S-4 (0-1')	94	100
880-68892-17	S-4 (1.5')	74	79
880-68892-18	S-4 (2')	73	79
880-68892-19	S-4 (3')	77	80
880-68892-20	S-4 (4')	74	76
880-68892-21	S-5 (0-1')	98	97
880-68892-21 MS	S-5 (0-1')	94	101
880-68892-21 MSD	S-5 (0-1')	95	96
880-68892-22	S-5 (1.5')	91	98
880-68892-23	S-5 (2')	92	98
880-68892-24	S-5 (3')	95	99
880-68892-25	S-5 (4')	91	96
880-68892-26	S-6 (0-1')	96	97
880-68892-27	S-6 (1.5')	99	98
880-68892-28	S-6 (2')	92	96
880-68892-29	S-6 (3')	99	97
880-68892-30	S-6 (4')	100	97
LCS 880-133273/1-A	Lab Control Sample	102	89
LCS 880-133273/1-A	Lab Control Sample	102	96
LCSD 880-133273/2-A	Lab Control Sample Dup	99	96
LCSD 880-133273/2-A	Lab Control Sample Dup	100	96
MB 880-133273/5-A	Method Blank	76	75
MB 880-133273/5-A	Method Blank	93	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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)
880-68888-A-1-B MS	Matrix Spike	93	91
880-68888-A-1-C MSD	Matrix Spike Duplicate	94	92
880-68892-1	S-1 (0-1')	82	91
880-68892-2	S-1 (1.5')	94	106
880-68892-2 MS	S-1 (1.5')	83	84
880-68892-2 MSD	S-1 (1.5')	84	79
880-68892-3	S-1 (2')	104	114
880-68892-4	S-1 (3')	97	106
880-68892-5	S-1 (4')	107	116
880-68892-6	S-2 (0-1')	96	105
880-68892-7	S-2 (1.5')	107	108
880-68892-8	S-2 (2')	102	113
880-68892-9	S-2 (3')	104	112
880-68892-10	S-2 (4')	102	111
880-68892-11	S-3 (0-1')	90	96
880-68892-12	S-3 (1.5')	88	96
880-68892-13	S-3 (2')	94	104
880-68892-14	S-3 (3')	90	100
880-68892-15	S-3 (4')	95	104
880-68892-16	S-4 (0-1')	99	110
880-68892-17	S-4 (1.5')	105	110
880-68892-18	S-4 (2')	95	104
880-68892-19	S-4 (3')	101	107
880-68892-20	S-4 (4')	100	108
880-68892-21	S-5 (0-1')	88	95
880-68892-22	S-5 (1.5')	111	115
880-68892-22 MS	S-5 (1.5')	137 S1+	121
880-68892-22 MSD	S-5 (1.5')	136 S1+	119
880-68892-23	S-5 (2')	122	127
880-68892-24	S-5 (3')	125	134 S1+
880-68892-25	S-5 (4')	122	132 S1+
880-68892-26	S-6 (0-1')	121	132 S1+
880-68892-27	S-6 (1.5')	126	135 S1+
880-68892-28	S-6 (2')	127	134 S1+
880-68892-29	S-6 (3')	120	127
880-68892-30	S-6 (4')	121	127
LCS 880-133249/2-A	Lab Control Sample	93	87
LCS 880-133250/2-A	Lab Control Sample	93	84
LCS 880-133251/2-A	Lab Control Sample	134 S1+	110
LCSD 880-133249/3-A	Lab Control Sample Dup	91	84
LCSD 880-133250/3-A	Lab Control Sample Dup	91	82
LCSD 880-133251/3-A	Lab Control Sample Dup	133 S1+	110
MB 880-133249/1-A	Method Blank	90	94
MB 880-133250/1-A	Method Blank	101	103
MB 880-133251/1-A	Method Blank	97	95

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-133273/5-A
 Matrix: Solid
 Analysis Batch: 133378

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:54	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/27/26 12:10	03/01/26 12:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/26 12:10	03/01/26 12:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				02/27/26 12:10	03/01/26 12:54	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/27/26 12:10	03/01/26 12:54	1

Lab Sample ID: MB 880-133273/5-A
 Matrix: Solid
 Analysis Batch: 133377

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:55	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/27/26 12:10	03/01/26 12:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 12:10	03/01/26 12:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/26 12:10	03/01/26 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				02/27/26 12:10	03/01/26 12:55	1
1,4-Difluorobenzene (Surr)	75		70 - 130				02/27/26 12:10	03/01/26 12:55	1

Lab Sample ID: LCS 880-133273/1-A
 Matrix: Solid
 Analysis Batch: 133377

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08328		mg/Kg		83	70 - 130
Toluene	0.100	0.07599		mg/Kg		76	70 - 130
Toluene	0.100	0.09693		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09211		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1844		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1904		mg/Kg		95	70 - 130
o-Xylene	0.100	0.08891		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09156		mg/Kg		92	70 - 130
Surrogate	LCS	LCS	Limits				
4-Bromofluorobenzene (Surr)	102		70 - 130				
4-Bromofluorobenzene (Surr)	102		70 - 130				
1,4-Difluorobenzene (Surr)	89		70 - 130				

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-133273/1-A
 Matrix: Solid
 Analysis Batch: 133378

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133273

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

Lab Sample ID: LCSD 880-133273/2-A
 Matrix: Solid
 Analysis Batch: 133377

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1053		mg/Kg		105	70 - 130	10	35
Toluene	0.100	0.07727		mg/Kg		77	70 - 130	2	35
Ethylbenzene	0.100	0.07446		mg/Kg		74	70 - 130	33	35
m,p-Xylenes	0.200	0.1301	*-	mg/Kg		65	70 - 130	35	35
o-Xylene	0.100	0.07777		mg/Kg		78	70 - 130	13	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-133273/2-A
 Matrix: Solid
 Analysis Batch: 133378

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08404		mg/Kg		84	70 - 130	1	35
Toluene	0.100	0.09655		mg/Kg		97	70 - 130	0	35
Ethylbenzene	0.100	0.08943		mg/Kg		89	70 - 130	3	35
m,p-Xylenes	0.200	0.1861		mg/Kg		93	70 - 130	2	35
o-Xylene	0.100	0.09048		mg/Kg		90	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-68892-1 MS
 Matrix: Solid
 Analysis Batch: 133377

Client Sample ID: S-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09277		mg/Kg		93	70 - 130
Toluene	<0.00200	U F1	0.100	0.06898	F1	mg/Kg		69	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09229		mg/Kg		92	70 - 130
m,p-Xylenes	<0.00399	U *-	0.200	0.1715		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08399		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68892-1 MSD
 Matrix: Solid
 Analysis Batch: 133377

Client Sample ID: S-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 133273

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	131	S1+	70 - 130

Lab Sample ID: 880-68892-21 MS
 Matrix: Solid
 Analysis Batch: 133378

Client Sample ID: S-5 (0-1')
 Prep Type: Total/NA
 Prep Batch: 133273

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-68892-21 MSD
 Matrix: Solid
 Analysis Batch: 133378

Client Sample ID: S-5 (0-1')
 Prep Type: Total/NA
 Prep Batch: 133273

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08429		mg/Kg		-	-		
Toluene	<0.00200	U	0.100	0.09032		mg/Kg		-	-		
Ethylbenzene	<0.00200	U	0.100	0.08112		mg/Kg		-	-		
m,p-Xylenes	<0.00399	U	0.200	0.1655		mg/Kg		-	-		
o-Xylene	<0.00200	U	0.100	0.08093		mg/Kg		-	-		

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

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

Lab Sample ID: MB 880-133249/1-A
 Matrix: Solid
 Analysis Batch: 133649

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	02/27/26 11:34	03/03/26 09:48	1
o-Terphenyl (Surr)	94		70 - 130	02/27/26 11:34	03/03/26 09:48	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-133249/2-A
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	930.1		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	707.3		mg/Kg		71	70 - 130	
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)	93		70 - 130					
o-Terphenyl (Surr)	87		70 - 130					

Lab Sample ID: LCSD 880-133249/3-A
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133249

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	931.9		mg/Kg		93	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	1000	701.6		mg/Kg		70	70 - 130	1	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	91		70 - 130							
o-Terphenyl (Surr)	84		70 - 130							

Lab Sample ID: 880-68888-A-1-B MS
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133249

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	997	931.7		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	738.2		mg/Kg		74	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	93		70 - 130							
o-Terphenyl (Surr)	91		70 - 130							

Lab Sample ID: 880-68888-A-1-C MSD
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 133249

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	921.2		mg/Kg		92	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	734.7		mg/Kg		74	70 - 130	0	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	94		70 - 130									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68888-A-1-C MSD
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 133249

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	92		70 - 130

Lab Sample ID: MB 880-133250/1-A
Matrix: Solid
Analysis Batch: 133651

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133250

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	101		70 - 130	02/27/26 11:34	03/03/26 09:48	1
<i>o</i> -Terphenyl (Surr)	103		70 - 130	02/27/26 11:34	03/03/26 09:48	1

Lab Sample ID: LCS 880-133250/2-A
Matrix: Solid
Analysis Batch: 133651

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133250

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	986.3		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	832.3		mg/Kg		83	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	93		70 - 130
<i>o</i> -Terphenyl (Surr)	84		70 - 130

Lab Sample ID: LCSD 880-133250/3-A
Matrix: Solid
Analysis Batch: 133651

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133250

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	961.7		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	811.7		mg/Kg		81	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	91		70 - 130
<i>o</i> -Terphenyl (Surr)	82		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68892-2 MS
 Matrix: Solid
 Analysis Batch: 133651

Client Sample ID: S-1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 133250

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits	
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	788.0		mg/Kg		79	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	712.8		mg/Kg		71	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	83		70 - 130							
o-Terphenyl (Surr)	84		70 - 130							

Lab Sample ID: 880-68892-2 MSD
 Matrix: Solid
 Analysis Batch: 133651

Client Sample ID: S-1 (1.5')
 Prep Type: Total/NA
 Prep Batch: 133250

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	796.2		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	706.2		mg/Kg		71	70 - 130	1	20
		MSD	MSD								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	84		70 - 130								
o-Terphenyl (Surr)	79		70 - 130								

Lab Sample ID: MB 880-133251/1-A
 Matrix: Solid
 Analysis Batch: 133596

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133251

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 13:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 13:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 13:20	1
		MB	MB						
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	97		70 - 130			02/27/26 11:34	03/03/26 13:20	1	
o-Terphenyl (Surr)	95		70 - 130			02/27/26 11:34	03/03/26 13:20	1	

Lab Sample ID: LCS 880-133251/2-A
 Matrix: Solid
 Analysis Batch: 133596

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133251

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1075		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	861.3		mg/Kg		86	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-133251/2-A
Matrix: Solid
Analysis Batch: 133596

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133251

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-133251/3-A
Matrix: Solid
Analysis Batch: 133596

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133251

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1068		mg/Kg		107	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	1000	877.5		mg/Kg		88	70 - 130	2		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	110		70 - 130

Lab Sample ID: 880-68892-22 MS
Matrix: Solid
Analysis Batch: 133596

Client Sample ID: S-5 (1.5')
Prep Type: Total/NA
Prep Batch: 133251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1065		mg/Kg		107	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	998	903.7		mg/Kg		91	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	137	S1+	70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: 880-68892-22 MSD
Matrix: Solid
Analysis Batch: 133596

Client Sample ID: S-5 (1.5')
Prep Type: Total/NA
Prep Batch: 133251

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1051		mg/Kg		105	70 - 130	1
Diesel Range Organics (Over C10-C28)	<50.0	U	998	897.4		mg/Kg		90	70 - 130	1

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	119		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-133289/1-A
 Matrix: Solid
 Analysis Batch: 133319

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/28/26 15:50	1

Lab Sample ID: LCS 880-133289/2-A
 Matrix: Solid
 Analysis Batch: 133319

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.7		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-133289/3-A
 Matrix: Solid
 Analysis Batch: 133319

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	241.1		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-68892-2 MS
 Matrix: Solid
 Analysis Batch: 133319

Client Sample ID: S-1 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	663	F1	252	861.5	F1	mg/Kg		79	90 - 110

Lab Sample ID: 880-68892-2 MSD
 Matrix: Solid
 Analysis Batch: 133319

Client Sample ID: S-1 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	663	F1	252	866.6	F1	mg/Kg		81	90 - 110	1	20

Lab Sample ID: 880-68892-12 MS
 Matrix: Solid
 Analysis Batch: 133319

Client Sample ID: S-3 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	112		250	349.5		mg/Kg		95	90 - 110

Lab Sample ID: 880-68892-12 MSD
 Matrix: Solid
 Analysis Batch: 133319

Client Sample ID: S-3 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	112		250	348.3		mg/Kg		95	90 - 110	0	20

Lab Sample ID: MB 880-133288/1-A
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/28/26 11:55	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-133288/2-A
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-133288/3-A
 Matrix: Solid
 Analysis Batch: 133320

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	234.4		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-68890-A-2-C MS
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	419	F1	248	628.4	F1	mg/Kg		85	90 - 110

Lab Sample ID: 880-68890-A-2-D MSD
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	419	F1	248	615.2	F1	mg/Kg		79	90 - 110	2	20

Lab Sample ID: MB 880-133290/1-A
 Matrix: Solid
 Analysis Batch: 133322

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/28/26 19:44	1

Lab Sample ID: LCS 880-133290/2-A
 Matrix: Solid
 Analysis Batch: 133322

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.4		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-133290/3-A
 Matrix: Solid
 Analysis Batch: 133322

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	240.4		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-68892-22 MS
 Matrix: Solid
 Analysis Batch: 133322

Client Sample ID: S-5 (1.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	155		250	385.7		mg/Kg		92	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68892-22 MSD
Matrix: Solid
Analysis Batch: 133322

Client Sample ID: S-5 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	155		250	389.4		mg/Kg		94	90 - 110	1	20

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

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 133273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Total/NA	Solid	5035	
880-68892-2	S-1 (1.5')	Total/NA	Solid	5035	
880-68892-3	S-1 (2')	Total/NA	Solid	5035	
880-68892-4	S-1 (3')	Total/NA	Solid	5035	
880-68892-5	S-1 (4')	Total/NA	Solid	5035	
880-68892-6	S-2 (0-1')	Total/NA	Solid	5035	
880-68892-7	S-2 (1.5')	Total/NA	Solid	5035	
880-68892-8	S-2 (2')	Total/NA	Solid	5035	
880-68892-9	S-2 (3')	Total/NA	Solid	5035	
880-68892-10	S-2 (4')	Total/NA	Solid	5035	
880-68892-11	S-3 (0-1')	Total/NA	Solid	5035	
880-68892-12	S-3 (1.5')	Total/NA	Solid	5035	
880-68892-13	S-3 (2')	Total/NA	Solid	5035	
880-68892-14	S-3 (3')	Total/NA	Solid	5035	
880-68892-15	S-3 (4')	Total/NA	Solid	5035	
880-68892-16	S-4 (0-1')	Total/NA	Solid	5035	
880-68892-17	S-4 (1.5')	Total/NA	Solid	5035	
880-68892-18	S-4 (2')	Total/NA	Solid	5035	
880-68892-19	S-4 (3')	Total/NA	Solid	5035	
880-68892-20	S-4 (4')	Total/NA	Solid	5035	
MB 880-133273/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133273/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-133273/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68892-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-68892-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	
880-68892-21 MS	S-5 (0-1')	Total/NA	Solid	5035	
880-68892-21 MSD	S-5 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 133377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Total/NA	Solid	8021B	133273
880-68892-2	S-1 (1.5')	Total/NA	Solid	8021B	133273
880-68892-3	S-1 (2')	Total/NA	Solid	8021B	133273
880-68892-4	S-1 (3')	Total/NA	Solid	8021B	133273
880-68892-5	S-1 (4')	Total/NA	Solid	8021B	133273
880-68892-6	S-2 (0-1')	Total/NA	Solid	8021B	133273
880-68892-7	S-2 (1.5')	Total/NA	Solid	8021B	133273
880-68892-8	S-2 (2')	Total/NA	Solid	8021B	133273
880-68892-9	S-2 (3')	Total/NA	Solid	8021B	133273
880-68892-10	S-2 (4')	Total/NA	Solid	8021B	133273
880-68892-11	S-3 (0-1')	Total/NA	Solid	8021B	133273
880-68892-12	S-3 (1.5')	Total/NA	Solid	8021B	133273
880-68892-13	S-3 (2')	Total/NA	Solid	8021B	133273
880-68892-14	S-3 (3')	Total/NA	Solid	8021B	133273
880-68892-15	S-3 (4')	Total/NA	Solid	8021B	133273
880-68892-16	S-4 (0-1')	Total/NA	Solid	8021B	133273
880-68892-17	S-4 (1.5')	Total/NA	Solid	8021B	133273
880-68892-18	S-4 (2')	Total/NA	Solid	8021B	133273
880-68892-19	S-4 (3')	Total/NA	Solid	8021B	133273
880-68892-20	S-4 (4')	Total/NA	Solid	8021B	133273
MB 880-133273/5-A	Method Blank	Total/NA	Solid	8021B	133273

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 133377 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-133273/1-A	Lab Control Sample	Total/NA	Solid	8021B	133273
LCS 880-133273/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133273
880-68892-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	133273
880-68892-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	133273

Analysis Batch: 133378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-21	S-5 (0-1')	Total/NA	Solid	8021B	133387
880-68892-22	S-5 (1.5')	Total/NA	Solid	8021B	133387
880-68892-23	S-5 (2')	Total/NA	Solid	8021B	133387
880-68892-24	S-5 (3')	Total/NA	Solid	8021B	133387
880-68892-25	S-5 (4')	Total/NA	Solid	8021B	133387
880-68892-26	S-6 (0-1')	Total/NA	Solid	8021B	133387
880-68892-27	S-6 (1.5')	Total/NA	Solid	8021B	133387
880-68892-28	S-6 (2')	Total/NA	Solid	8021B	133387
880-68892-29	S-6 (3')	Total/NA	Solid	8021B	133387
880-68892-30	S-6 (4')	Total/NA	Solid	8021B	133387
MB 880-133273/5-A	Method Blank	Total/NA	Solid	8021B	133273
LCS 880-133273/1-A	Lab Control Sample	Total/NA	Solid	8021B	133273
LCS 880-133273/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133273
880-68892-21 MS	S-5 (0-1')	Total/NA	Solid	8021B	133273
880-68892-21 MSD	S-5 (0-1')	Total/NA	Solid	8021B	133273

Prep Batch: 133387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-21	S-5 (0-1')	Total/NA	Solid	5035	
880-68892-22	S-5 (1.5')	Total/NA	Solid	5035	
880-68892-23	S-5 (2')	Total/NA	Solid	5035	
880-68892-24	S-5 (3')	Total/NA	Solid	5035	
880-68892-25	S-5 (4')	Total/NA	Solid	5035	
880-68892-26	S-6 (0-1')	Total/NA	Solid	5035	
880-68892-27	S-6 (1.5')	Total/NA	Solid	5035	
880-68892-28	S-6 (2')	Total/NA	Solid	5035	
880-68892-29	S-6 (3')	Total/NA	Solid	5035	
880-68892-30	S-6 (4')	Total/NA	Solid	5035	

Analysis Batch: 133499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-68892-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-68892-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-68892-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-68892-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-68892-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-68892-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-68892-8	S-2 (2')	Total/NA	Solid	Total BTEX	
880-68892-9	S-2 (3')	Total/NA	Solid	Total BTEX	
880-68892-10	S-2 (4')	Total/NA	Solid	Total BTEX	
880-68892-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-68892-12	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-68892-13	S-3 (2')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 133499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-14	S-3 (3')	Total/NA	Solid	Total BTEX	
880-68892-15	S-3 (4')	Total/NA	Solid	Total BTEX	
880-68892-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68892-17	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-68892-18	S-4 (2')	Total/NA	Solid	Total BTEX	
880-68892-19	S-4 (3')	Total/NA	Solid	Total BTEX	
880-68892-20	S-4 (4')	Total/NA	Solid	Total BTEX	
880-68892-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-68892-22	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-68892-23	S-5 (2')	Total/NA	Solid	Total BTEX	
880-68892-24	S-5 (3')	Total/NA	Solid	Total BTEX	
880-68892-25	S-5 (4')	Total/NA	Solid	Total BTEX	
880-68892-26	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-68892-27	S-6 (1.5')	Total/NA	Solid	Total BTEX	
880-68892-28	S-6 (2')	Total/NA	Solid	Total BTEX	
880-68892-29	S-6 (3')	Total/NA	Solid	Total BTEX	
880-68892-30	S-6 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 133249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-133249/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-133249/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68888-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68888-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 133250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-68892-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-68892-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-68892-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68892-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-8	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-68892-9	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-68892-10	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-68892-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68892-12	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-13	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-68892-14	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-68892-15	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-68892-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68892-17	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-18	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-68892-19	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-68892-20	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-68892-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 133250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-133250/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-133250/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133250/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68892-2 MS	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-2 MSD	S-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 133251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-22	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-23	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-68892-24	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-68892-25	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-68892-26	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-68892-27	S-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-28	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-68892-29	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-68892-30	S-6 (4')	Total/NA	Solid	8015NM Prep	
MB 880-133251/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-133251/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133251/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68892-22 MS	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-68892-22 MSD	S-5 (1.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 133596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-22	S-5 (1.5')	Total/NA	Solid	8015B NM	133251
880-68892-23	S-5 (2')	Total/NA	Solid	8015B NM	133251
880-68892-24	S-5 (3')	Total/NA	Solid	8015B NM	133251
880-68892-25	S-5 (4')	Total/NA	Solid	8015B NM	133251
880-68892-26	S-6 (0-1')	Total/NA	Solid	8015B NM	133251
880-68892-27	S-6 (1.5')	Total/NA	Solid	8015B NM	133251
880-68892-28	S-6 (2')	Total/NA	Solid	8015B NM	133251
880-68892-29	S-6 (3')	Total/NA	Solid	8015B NM	133251
880-68892-30	S-6 (4')	Total/NA	Solid	8015B NM	133251
MB 880-133251/1-A	Method Blank	Total/NA	Solid	8015B NM	133251
LCS 880-133251/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133251
LCSD 880-133251/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133251
880-68892-22 MS	S-5 (1.5')	Total/NA	Solid	8015B NM	133251
880-68892-22 MSD	S-5 (1.5')	Total/NA	Solid	8015B NM	133251

Analysis Batch: 133649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Total/NA	Solid	8015B NM	133249
MB 880-133249/1-A	Method Blank	Total/NA	Solid	8015B NM	133249
LCS 880-133249/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133249
LCSD 880-133249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133249
880-68888-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	133249
880-68888-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	133249

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 133651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-2	S-1 (1.5')	Total/NA	Solid	8015B NM	133250
880-68892-3	S-1 (2')	Total/NA	Solid	8015B NM	133250
880-68892-4	S-1 (3')	Total/NA	Solid	8015B NM	133250
880-68892-5	S-1 (4')	Total/NA	Solid	8015B NM	133250
880-68892-6	S-2 (0-1')	Total/NA	Solid	8015B NM	133250
880-68892-7	S-2 (1.5')	Total/NA	Solid	8015B NM	133250
880-68892-8	S-2 (2')	Total/NA	Solid	8015B NM	133250
880-68892-9	S-2 (3')	Total/NA	Solid	8015B NM	133250
880-68892-10	S-2 (4')	Total/NA	Solid	8015B NM	133250
880-68892-11	S-3 (0-1')	Total/NA	Solid	8015B NM	133250
880-68892-12	S-3 (1.5')	Total/NA	Solid	8015B NM	133250
880-68892-13	S-3 (2')	Total/NA	Solid	8015B NM	133250
880-68892-14	S-3 (3')	Total/NA	Solid	8015B NM	133250
880-68892-15	S-3 (4')	Total/NA	Solid	8015B NM	133250
880-68892-16	S-4 (0-1')	Total/NA	Solid	8015B NM	133250
880-68892-17	S-4 (1.5')	Total/NA	Solid	8015B NM	133250
880-68892-18	S-4 (2')	Total/NA	Solid	8015B NM	133250
880-68892-19	S-4 (3')	Total/NA	Solid	8015B NM	133250
880-68892-20	S-4 (4')	Total/NA	Solid	8015B NM	133250
880-68892-21	S-5 (0-1')	Total/NA	Solid	8015B NM	133250
MB 880-133250/1-A	Method Blank	Total/NA	Solid	8015B NM	133250
LCS 880-133250/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133250
LCSD 880-133250/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133250
880-68892-2 MS	S-1 (1.5')	Total/NA	Solid	8015B NM	133250
880-68892-2 MSD	S-1 (1.5')	Total/NA	Solid	8015B NM	133250

Analysis Batch: 133767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-68892-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-68892-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-68892-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-68892-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-68892-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-68892-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-68892-8	S-2 (2')	Total/NA	Solid	8015 NM	
880-68892-9	S-2 (3')	Total/NA	Solid	8015 NM	
880-68892-10	S-2 (4')	Total/NA	Solid	8015 NM	
880-68892-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-68892-12	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-68892-13	S-3 (2')	Total/NA	Solid	8015 NM	
880-68892-14	S-3 (3')	Total/NA	Solid	8015 NM	
880-68892-15	S-3 (4')	Total/NA	Solid	8015 NM	
880-68892-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-68892-17	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-68892-18	S-4 (2')	Total/NA	Solid	8015 NM	
880-68892-19	S-4 (3')	Total/NA	Solid	8015 NM	
880-68892-20	S-4 (4')	Total/NA	Solid	8015 NM	
880-68892-21	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-68892-22	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-68892-23	S-5 (2')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 133767 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-24	S-5 (3')	Total/NA	Solid	8015 NM	
880-68892-25	S-5 (4')	Total/NA	Solid	8015 NM	
880-68892-26	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-68892-27	S-6 (1.5')	Total/NA	Solid	8015 NM	
880-68892-28	S-6 (2')	Total/NA	Solid	8015 NM	
880-68892-29	S-6 (3')	Total/NA	Solid	8015 NM	
880-68892-30	S-6 (4')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 133288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Soluble	Solid	DI Leach	
MB 880-133288/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-133288/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-133288/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68890-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68890-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 133289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-68892-3	S-1 (2')	Soluble	Solid	DI Leach	
880-68892-4	S-1 (3')	Soluble	Solid	DI Leach	
880-68892-5	S-1 (4')	Soluble	Solid	DI Leach	
880-68892-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68892-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-68892-8	S-2 (2')	Soluble	Solid	DI Leach	
880-68892-9	S-2 (3')	Soluble	Solid	DI Leach	
880-68892-10	S-2 (4')	Soluble	Solid	DI Leach	
880-68892-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68892-12	S-3 (1.5')	Soluble	Solid	DI Leach	
880-68892-13	S-3 (2')	Soluble	Solid	DI Leach	
880-68892-14	S-3 (3')	Soluble	Solid	DI Leach	
880-68892-15	S-3 (4')	Soluble	Solid	DI Leach	
880-68892-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-68892-17	S-4 (1.5')	Soluble	Solid	DI Leach	
880-68892-18	S-4 (2')	Soluble	Solid	DI Leach	
880-68892-19	S-4 (3')	Soluble	Solid	DI Leach	
880-68892-20	S-4 (4')	Soluble	Solid	DI Leach	
880-68892-21	S-5 (0-1')	Soluble	Solid	DI Leach	
MB 880-133289/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-133289/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-133289/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68892-2 MS	S-1 (1.5')	Soluble	Solid	DI Leach	
880-68892-2 MSD	S-1 (1.5')	Soluble	Solid	DI Leach	
880-68892-12 MS	S-3 (1.5')	Soluble	Solid	DI Leach	
880-68892-12 MSD	S-3 (1.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 133290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-22	S-5 (1.5')	Soluble	Solid	DI Leach	
880-68892-23	S-5 (2')	Soluble	Solid	DI Leach	
880-68892-24	S-5 (3')	Soluble	Solid	DI Leach	
880-68892-25	S-5 (4')	Soluble	Solid	DI Leach	
880-68892-26	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68892-27	S-6 (1.5')	Soluble	Solid	DI Leach	
880-68892-28	S-6 (2')	Soluble	Solid	DI Leach	
880-68892-29	S-6 (3')	Soluble	Solid	DI Leach	
880-68892-30	S-6 (4')	Soluble	Solid	DI Leach	
MB 880-133290/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-133290/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-133290/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68892-22 MS	S-5 (1.5')	Soluble	Solid	DI Leach	
880-68892-22 MSD	S-5 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 133319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-2	S-1 (1.5')	Soluble	Solid	300.0	133289
880-68892-3	S-1 (2')	Soluble	Solid	300.0	133289
880-68892-4	S-1 (3')	Soluble	Solid	300.0	133289
880-68892-5	S-1 (4')	Soluble	Solid	300.0	133289
880-68892-6	S-2 (0-1')	Soluble	Solid	300.0	133289
880-68892-7	S-2 (1.5')	Soluble	Solid	300.0	133289
880-68892-8	S-2 (2')	Soluble	Solid	300.0	133289
880-68892-9	S-2 (3')	Soluble	Solid	300.0	133289
880-68892-10	S-2 (4')	Soluble	Solid	300.0	133289
880-68892-11	S-3 (0-1')	Soluble	Solid	300.0	133289
880-68892-12	S-3 (1.5')	Soluble	Solid	300.0	133289
880-68892-13	S-3 (2')	Soluble	Solid	300.0	133289
880-68892-14	S-3 (3')	Soluble	Solid	300.0	133289
880-68892-15	S-3 (4')	Soluble	Solid	300.0	133289
880-68892-16	S-4 (0-1')	Soluble	Solid	300.0	133289
880-68892-17	S-4 (1.5')	Soluble	Solid	300.0	133289
880-68892-18	S-4 (2')	Soluble	Solid	300.0	133289
880-68892-19	S-4 (3')	Soluble	Solid	300.0	133289
880-68892-20	S-4 (4')	Soluble	Solid	300.0	133289
880-68892-21	S-5 (0-1')	Soluble	Solid	300.0	133289
MB 880-133289/1-A	Method Blank	Soluble	Solid	300.0	133289
LCS 880-133289/2-A	Lab Control Sample	Soluble	Solid	300.0	133289
LCSD 880-133289/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133289
880-68892-2 MS	S-1 (1.5')	Soluble	Solid	300.0	133289
880-68892-2 MSD	S-1 (1.5')	Soluble	Solid	300.0	133289
880-68892-12 MS	S-3 (1.5')	Soluble	Solid	300.0	133289
880-68892-12 MSD	S-3 (1.5')	Soluble	Solid	300.0	133289

Analysis Batch: 133320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-1	S-1 (0-1')	Soluble	Solid	300.0	133288
MB 880-133288/1-A	Method Blank	Soluble	Solid	300.0	133288
LCS 880-133288/2-A	Lab Control Sample	Soluble	Solid	300.0	133288
LCSD 880-133288/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133288

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 133320 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68890-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	133288
880-68890-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	133288

Analysis Batch: 133322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68892-22	S-5 (1.5')	Soluble	Solid	300.0	133290
880-68892-23	S-5 (2')	Soluble	Solid	300.0	133290
880-68892-24	S-5 (3')	Soluble	Solid	300.0	133290
880-68892-25	S-5 (4')	Soluble	Solid	300.0	133290
880-68892-26	S-6 (0-1')	Soluble	Solid	300.0	133290
880-68892-27	S-6 (1.5')	Soluble	Solid	300.0	133290
880-68892-28	S-6 (2')	Soluble	Solid	300.0	133290
880-68892-29	S-6 (3')	Soluble	Solid	300.0	133290
880-68892-30	S-6 (4')	Soluble	Solid	300.0	133290
MB 880-133290/1-A	Method Blank	Soluble	Solid	300.0	133290
LCS 880-133290/2-A	Lab Control Sample	Soluble	Solid	300.0	133290
LCSD 880-133290/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133290
880-68892-22 MS	S-5 (1.5')	Soluble	Solid	300.0	133290
880-68892-22 MSD	S-5 (1.5')	Soluble	Solid	300.0	133290

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68892-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 13:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 17:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 17:20	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 15:16	SMC	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-68892-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 13:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 12:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 12:09	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 16:10	SMC	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68892-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 13:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 12:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 12:51	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 16:30	SMC	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68892-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 14:18	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68892-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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			133767	03/03/26 13:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 13:06	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 16:36	SMC	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68892-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 14:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 13:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 13:20	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 16:43	SMC	EET MID

Client Sample ID: S-2 (0-1')

Lab Sample ID: 880-68892-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 13:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 13:34	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 16:50	SMC	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68892-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 15:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 15:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 13:49	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 13:49	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-68892-7

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 17:10	SMC	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68892-8

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 15:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 15:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 14:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 14:03	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 17:17	SMC	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68892-9

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 16:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 16:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 14:17	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 14:17	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 17:23	SMC	EET MID

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68892-10

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 16:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 16:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 14:31	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 14:31	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 17:30	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68892-11

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 17:56	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 14:46	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 14:46	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 17:37	SMC	EET MID

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-68892-12

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 18:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 15:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 15:14	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 17:43	SMC	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68892-13

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 18:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 15:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 15:28	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:03	SMC	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68892-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 18:58	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68892-14

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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			133767	03/03/26 15:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 15:42	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:10	SMC	EET MID

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68892-15

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 19:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 15:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 15:56	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:30	SMC	EET MID

Client Sample ID: S-4 (0-1')

Lab Sample ID: 880-68892-16

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 19:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 16:10	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:37	SMC	EET MID

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-68892-17

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 19:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 19:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 16:24	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-68892-17

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:43	SMC	EET MID

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68892-18

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 20:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 20:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 16:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:50	SMC	EET MID

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68892-19

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 20:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 20:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 16:52	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 18:57	SMC	EET MID

Client Sample ID: S-4 (4')

Lab Sample ID: 880-68892-20

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133273	02/27/26 12:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133377	03/01/26 21:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 21:01	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 17:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 17:06	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 19:04	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-68892-21

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 13:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 17:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	133250	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133651	03/03/26 17:20	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	133289	02/27/26 15:09	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133319	02/28/26 19:10	SMC	EET MID

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-68892-22

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 13:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 13:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 14:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 14:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 20:04	SMC	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68892-23

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 13:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 14:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 14:54	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 20:24	SMC	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68892-24

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 14:18	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68892-24

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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			133767	03/03/26 15:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 15:09	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 20:30	SMC	EET MID

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68892-25

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 14:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 14:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 15:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 15:24	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 20:37	SMC	EET MID

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68892-26

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 14:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 14:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 15:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 15:39	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 20:44	SMC	EET MID

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-68892-27

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 15:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 15:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 15:54	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 15:54	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (1.5')

Lab Sample ID: 880-68892-27

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 21:04	SMC	EET MID

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68892-28

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 15:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 15:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 16:09	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 21:11	SMC	EET MID

Client Sample ID: S-6 (3')

Lab Sample ID: 880-68892-29

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 16:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 16:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 16:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 21:17	SMC	EET MID

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68892-30

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133387	03/01/26 12:35	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133378	03/01/26 16:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133499	03/01/26 16:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133767	03/03/26 16:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133251	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133596	03/03/26 16:39	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	133290	02/27/26 15:12	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133322	02/28/26 21:24	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
SDG: Lea County New Mexico

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
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
SDG: Lea 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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68892-1
 SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68892-1	S-1 (0-1')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-2	S-1 (1.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-3	S-1 (2')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-4	S-1 (3')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-5	S-1 (4')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-6	S-2 (0-1')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-7	S-2 (1.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-8	S-2 (2')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-9	S-2 (3')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-10	S-2 (4')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-11	S-3 (0-1')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-12	S-3 (1.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-13	S-3 (2')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-14	S-3 (3')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-15	S-3 (4')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-16	S-4 (0-1')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-17	S-4 (1.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-18	S-4 (2')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-19	S-4 (3')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-20	S-4 (4')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-21	S-5 (0-1')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-22	S-5 (1.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-23	S-5 (2')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-24	S-5 (3')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-25	S-5 (4')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-26	S-6 (0-1')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-27	S-6 (1.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-28	S-6 (2')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-29	S-6 (3')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68892-30	S-6 (4')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico

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

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

Chain of Custody



Page 1 of 3

Project Manager: Conner Moehring
 Company Name: Camrona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-6823
 Email: mcamrona@camronaresources.com

Bill to: (if different)
 Company Name:
 Address:
 City, State ZIP:

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

Project Name:	Outlaw 22 Federal 1H (02.07.26)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	3150	Due Date:	72 HR TAT	Parameters	BTEX 8021B TPH 8016M (GRO + DRO + MRO) Chloride 300.0	None: NO	DI Water: H ₂ O										
Project Location:	Lea County, New Mexico	Sampler's Name:	JR	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Cool: Cool	MeOH: Me										
PO #:		Temp Blank:		Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HCL: HC	HNO ₃ : HN										
SAMPLE RECEIPT		Temp Blank:		Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₂ SO ₄ : H ₂	NaOH: Na										
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:		Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	H ₃ PO ₄ : HP											
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:		Corrected Temperature:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	NaHSO ₄ : NABIS											
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:		Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Na ₂ S ₂ O ₃ : NASO ₃											
Total Containers:		Temp Blank:		Grab/Comp	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Zn Acetate+NaOH: Zn											
Sample Identification	Date	Time	Soil	Water	# of Cont	Sample Comments											
S-1 (0-1')	2/23/2026		X		1												
S-1 (1.5')	2/23/2026		X		1												
S-1 (2')	2/23/2026		X		1												
S-1 (3')	2/23/2026		X		1												
S-1 (4')	2/23/2026		X		1												
S-2 (0-1')	2/23/2026		X		1												
S-2 (1.5')	2/23/2026		X		1												
S-2 (2')	2/23/2026		X		1												
S-2 (3')	2/23/2026		X		1												
S-2 (4')	2/23/2026		X		1												

Comments: Email to Mike Camrona / mcamrona@camronaresources.com and Conner Moehring / cmoehring@camronaresources.com

Relinquished by: (Signature) *[Signature]* Date/Time

Received by: (Signature) *[Signature]* Date/Time *2-23-26 860*

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68892-1
SDG Number: Lea County New Mexico

Login Number: 68892

List Number: 1

Creator: Dyal, Erica

List Source: Eurofins Midland

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

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



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 500
 Midland, Texas 79701

Generated 3/4/2026 1:51:00 PM

JOB DESCRIPTION

Outlaw 22 Federal 1H (02.07.26)
 Lea County New Mexico

JOB NUMBER

880-68891-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
3/4/2026 1:51:00 PM

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

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Laboratory Job ID: 880-68891-1
SDG: Lea County New Mexico

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	11
QC Sample Results	12
QC Association Summary	16
Lab Chronicle	19
Certification Summary	21
Method Summary	22
Sample Summary	23
Chain of Custody	24
Receipt Checklists	25

Definitions/Glossary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1

Job ID: 880-68891-1

Eurofins Midland

Job Narrative 880-68891-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/27/2026 9:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -2.6°C.

GC VOA

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

Diesel Range Organics

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-133288 and analytical batch 880-133320 were outside control limits for Chloride . 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.

The associated samples are: H-1 (0-0.5') (880-68891-1), H-2 (0-0.5') (880-68891-2), H-3 (0-0.5') (880-68891-3), H-4 (0-0.5') (880-68891-4), H-5 (0-0.5') (880-68891-5), H-6 (0-0.5') (880-68891-6), (880-68890-A-2-B), (880-68890-A-2-C MS) and (880-68890-A-2-D MSD).

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

Eurofins Midland



Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		02/28/26 13:13	02/28/26 21:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/28/26 13:13	02/28/26 21:02	1
Ethylbenzene	<0.00198	U *	0.00198		mg/Kg		02/28/26 13:13	02/28/26 21:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		02/28/26 13:13	02/28/26 21:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/28/26 13:13	02/28/26 21:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/28/26 13:13	02/28/26 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	75		70 - 130	02/28/26 13:13	02/28/26 21:02	1
1,4-Difluorobenzene (Surr)	79		70 - 130	02/28/26 13:13	02/28/26 21:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			02/28/26 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/03/26 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 15:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 15:56	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	02/27/26 11:34	03/03/26 15:56	1
o-Terphenyl (Surr)	106		70 - 130	02/27/26 11:34	03/03/26 15:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			02/28/26 14:36	1

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

Lab Sample ID: 880-68891-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:22	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/28/26 13:13	02/28/26 21:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/28/26 13:13	02/28/26 21:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	02/28/26 13:13	02/28/26 21:22	1
1,4-Difluorobenzene (Surr)	77		70 - 130	02/28/26 13:13	02/28/26 21:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			02/28/26 21:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/03/26 16:10	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	<50.4	U	50.4		mg/Kg		02/27/26 11:34	03/03/26 16:10	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/27/26 11:34	03/03/26 16:10	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/27/26 11:34	03/03/26 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130				02/27/26 11:34	03/03/26 16:10	1
o-Terphenyl (Surr)	97		70 - 130				02/27/26 11:34	03/03/26 16:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.1		9.98		mg/Kg			02/28/26 14:43	1

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

Lab Sample ID: 880-68891-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:43	1
Ethylbenzene	<0.00200	U *	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		02/28/26 13:13	02/28/26 21:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 21:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/28/26 13:13	02/28/26 21:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130				02/28/26 13:13	02/28/26 21:43	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/28/26 13:13	02/28/26 21:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			02/28/26 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				02/27/26 11:34	03/03/26 16:24	1
o-Terphenyl (Surr)	101		70 - 130				02/27/26 11:34	03/03/26 16:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			02/28/26 14:49	1

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

Lab Sample ID: 880-68891-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/28/26 13:13	02/28/26 22:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/28/26 13:13	02/28/26 22:03	1
Ethylbenzene	<0.00201	U *	0.00201		mg/Kg		02/28/26 13:13	02/28/26 22:03	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/28/26 13:13	02/28/26 22:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/28/26 13:13	02/28/26 22:03	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/28/26 13:13	02/28/26 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130				02/28/26 13:13	02/28/26 22:03	1
1,4-Difluorobenzene (Surr)	76		70 - 130				02/28/26 13:13	02/28/26 22:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/28/26 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/03/26 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/27/26 11:34	03/03/26 16:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				02/27/26 11:34	03/03/26 16:38	1
o-Terphenyl (Surr)	97		70 - 130				02/27/26 11:34	03/03/26 16:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.5		9.90		mg/Kg			02/28/26 14:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/28/26 13:13	02/28/26 22:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/28/26 13:13	02/28/26 22:24	1
Ethylbenzene	<0.00202	U *	0.00202		mg/Kg		02/28/26 13:13	02/28/26 22:24	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		02/28/26 13:13	02/28/26 22:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/28/26 13:13	02/28/26 22:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/28/26 13:13	02/28/26 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	02/28/26 13:13	02/28/26 22:24	1
1,4-Difluorobenzene (Surr)	75		70 - 130	02/28/26 13:13	02/28/26 22:24	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			02/28/26 22:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/03/26 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 16:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 16:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/27/26 11:34	03/03/26 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130	02/27/26 11:34	03/03/26 16:52	1
o-Terphenyl (Surr)	92		70 - 130	02/27/26 11:34	03/03/26 16:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		10.0		mg/Kg			02/28/26 15:03	1

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

Lab Sample ID: 880-68891-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/28/26 13:13	02/28/26 22:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/28/26 13:13	02/28/26 22:44	1
Ethylbenzene	<0.00199	U *	0.00199		mg/Kg		02/28/26 13:13	02/28/26 22:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		02/28/26 13:13	02/28/26 22:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/28/26 13:13	02/28/26 22:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/28/26 13:13	02/28/26 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	02/28/26 13:13	02/28/26 22:44	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/28/26 13:13	02/28/26 22:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/28/26 22:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/03/26 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 17:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				02/27/26 11:34	03/03/26 17:06	1
o-Terphenyl (Surr)	88		70 - 130				02/27/26 11:34	03/03/26 17:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.1		10.0		mg/Kg			02/28/26 15:09	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-68888-A-1-G MS	Matrix Spike	81	115
880-68888-A-1-H MSD	Matrix Spike Duplicate	95	100
880-68891-1	H-1 (0-0.5')	75	79
880-68891-2	H-2 (0-0.5')	76	77
880-68891-3	H-3 (0-0.5')	84	85
880-68891-4	H-4 (0-0.5')	74	76
880-68891-5	H-5 (0-0.5')	70	75
880-68891-6	H-6 (0-0.5')	79	84
LCS 880-133329/1-A	Lab Control Sample	87	97
LCSD 880-133329/2-A	Lab Control Sample Dup	91	107
MB 880-132976/5-A	Method Blank	111	95
MB 880-133329/5-A	Method Blank	73	75

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-68888-A-1-B MS	Matrix Spike	93	91
880-68888-A-1-C MSD	Matrix Spike Duplicate	94	92
880-68891-1	H-1 (0-0.5')	91	106
880-68891-2	H-2 (0-0.5')	84	97
880-68891-3	H-3 (0-0.5')	89	101
880-68891-4	H-4 (0-0.5')	86	97
880-68891-5	H-5 (0-0.5')	80	92
880-68891-6	H-6 (0-0.5')	78	88
LCS 880-133249/2-A	Lab Control Sample	93	87
LCSD 880-133249/3-A	Lab Control Sample Dup	91	84
MB 880-133249/1-A	Method Blank	90	94

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132976/5-A
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132976

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/27/26 16:00	02/28/26 03:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/27/26 16:00	02/28/26 03:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/27/26 16:00	02/28/26 03:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/27/26 16:00	02/28/26 03:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/27/26 16:00	02/28/26 03:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/27/26 16:00	02/28/26 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				02/27/26 16:00	02/28/26 03:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/27/26 16:00	02/28/26 03:31	1

Lab Sample ID: MB 880-133329/5-A
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133329

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 14:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 14:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 14:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/28/26 13:13	02/28/26 14:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/28/26 13:13	02/28/26 14:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/28/26 13:13	02/28/26 14:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130				02/28/26 13:13	02/28/26 14:58	1
1,4-Difluorobenzene (Surr)	75		70 - 130				02/28/26 13:13	02/28/26 14:58	1

Lab Sample ID: LCS 880-133329/1-A
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 133329

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.101	0.08103		mg/Kg		81	70 - 130
Ethylbenzene	0.101	0.06976	*-	mg/Kg		69	70 - 130
m,p-Xylenes	0.201	0.1582		mg/Kg		79	70 - 130
o-Xylene	0.101	0.07869		mg/Kg		78	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	87		70 - 130				
1,4-Difluorobenzene (Surr)	97		70 - 130				

Lab Sample ID: LCSD 880-133329/2-A
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133329

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.101	0.1198		mg/Kg		119	70 - 130	5	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-133329/2-A
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 133329

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.101	0.08403		mg/Kg		84	70 - 130	4	35
Ethylbenzene	0.101	0.07759		mg/Kg		77	70 - 130	11	35
m,p-Xylenes	0.201	0.1543		mg/Kg		77	70 - 130	2	35
o-Xylene	0.101	0.07825		mg/Kg		78	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-68888-A-1-G MS
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 133329

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.101	0.1110		mg/Kg		110	70 - 130
Toluene	<0.00200	U F1 F2	0.101	0.07617		mg/Kg		76	70 - 130
Ethylbenzene	<0.00200	U *- F1 F2	0.101	0.07321		mg/Kg		73	70 - 130
m,p-Xylenes	<0.00399	U F1 F2	0.201	0.1439		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U F1 F2	0.101	0.07084		mg/Kg		70	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-68888-A-1-H MSD
 Matrix: Solid
 Analysis Batch: 133181

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 133329

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.101	0.02392	F1 F2	mg/Kg		24	70 - 130	129	35
Toluene	<0.00200	U F1 F2	0.101	0.01610	F1 F2	mg/Kg		16	70 - 130	130	35
Ethylbenzene	<0.00200	U *- F1 F2	0.101	0.01447	F1 F2	mg/Kg		14	70 - 130	134	35
m,p-Xylenes	<0.00399	U F1 F2	0.201	0.03652	F1 F2	mg/Kg		18	70 - 130	119	35
o-Xylene	<0.00200	U F1 F2	0.101	0.01791	F1 F2	mg/Kg		18	70 - 130	119	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

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

Lab Sample ID: MB 880-133249/1-A
 Matrix: Solid
 Analysis Batch: 133649

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 133249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-133249/1-A
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 133249

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 11:34	03/03/26 09:48	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	90		70 - 130	02/27/26 11:34	03/03/26 09:48	1
o-Terphenyl (Surr)	94		70 - 130	02/27/26 11:34	03/03/26 09:48	1

Lab Sample ID: LCS 880-133249/2-A
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 133249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	707.3		mg/Kg		71	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-133249/3-A
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 133249

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	931.9		mg/Kg		93	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	701.6		mg/Kg		70	70 - 130	1	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 880-68888-A-1-B MS
Matrix: Solid
Analysis Batch: 133649

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 133249

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	931.7		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	738.2		mg/Kg		74	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68888-A-1-C MSD
 Matrix: Solid
 Analysis Batch: 133649

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 133249

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	921.2		mg/Kg		92	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	734.7		mg/Kg		74	70 - 130	0	20
Surrogate	%Recovery	MSD Qualifier		MSD					Limits		
1-Chlorooctane (Surr)	94								70 - 130		
o-Terphenyl (Surr)	92								70 - 130		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-133288/1-A
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/28/26 11:55	1

Lab Sample ID: LCS 880-133288/2-A
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	237.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-133288/3-A
 Matrix: Solid
 Analysis Batch: 133320

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	234.4		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-68890-A-2-C MS
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	419	F1	248	628.4	F1	mg/Kg		85	90 - 110

Lab Sample ID: 880-68890-A-2-D MSD
 Matrix: Solid
 Analysis Batch: 133320

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	419	F1	248	615.2	F1	mg/Kg		79	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 132976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132976/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 133181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Total/NA	Solid	8021B	133329
880-68891-2	H-2 (0-0.5')	Total/NA	Solid	8021B	133329
880-68891-3	H-3 (0-0.5')	Total/NA	Solid	8021B	133329
880-68891-4	H-4 (0-0.5')	Total/NA	Solid	8021B	133329
880-68891-5	H-5 (0-0.5')	Total/NA	Solid	8021B	133329
880-68891-6	H-6 (0-0.5')	Total/NA	Solid	8021B	133329
MB 880-132976/5-A	Method Blank	Total/NA	Solid	8021B	132976
MB 880-133329/5-A	Method Blank	Total/NA	Solid	8021B	133329
LCS 880-133329/1-A	Lab Control Sample	Total/NA	Solid	8021B	133329
LCSD 880-133329/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	133329
880-68888-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	133329
880-68888-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	133329

Prep Batch: 133329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68891-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-68891-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-68891-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-68891-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-68891-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-133329/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-133329/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-133329/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68888-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-68888-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 133526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68891-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68891-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68891-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68891-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68891-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 133249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68891-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68891-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68891-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68891-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68891-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-133249/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 133249 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-133249/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-133249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68888-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68888-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 133649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	133249
880-68891-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	133249
880-68891-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	133249
880-68891-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	133249
880-68891-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	133249
880-68891-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	133249
MB 880-133249/1-A	Method Blank	Total/NA	Solid	8015B NM	133249
LCS 880-133249/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	133249
LCSD 880-133249/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	133249
880-68888-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	133249
880-68888-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	133249

Analysis Batch: 133766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-68891-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-68891-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-68891-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-68891-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-68891-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 133288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-68891-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-68891-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-68891-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-68891-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-68891-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-133288/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-133288/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-133288/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68890-A-2-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68890-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 133320

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-1	H-1 (0-0.5')	Soluble	Solid	300.0	133288
880-68891-2	H-2 (0-0.5')	Soluble	Solid	300.0	133288
880-68891-3	H-3 (0-0.5')	Soluble	Solid	300.0	133288
880-68891-4	H-4 (0-0.5')	Soluble	Solid	300.0	133288
880-68891-5	H-5 (0-0.5')	Soluble	Solid	300.0	133288

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 133320 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68891-6	H-6 (0-0.5')	Soluble	Solid	300.0	133288
MB 880-133288/1-A	Method Blank	Soluble	Solid	300.0	133288
LCS 880-133288/2-A	Lab Control Sample	Soluble	Solid	300.0	133288
LCSD 880-133288/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	133288
880-68890-A-2-C MS	Matrix Spike	Soluble	Solid	300.0	133288
880-68890-A-2-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	133288

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-1

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133329	02/28/26 13:13	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133181	02/28/26 21:02	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			133526	02/28/26 21:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133766	03/03/26 15:56	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 15:56	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 14:36	SMC	EET MID

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

Lab Sample ID: 880-68891-2

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133329	02/28/26 13:13	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133181	02/28/26 21:22	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			133526	02/28/26 21:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133766	03/03/26 16:10	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 16:10	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 14:43	SMC	EET MID

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

Lab Sample ID: 880-68891-3

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133329	02/28/26 13:13	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133181	02/28/26 21:43	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			133526	02/28/26 21:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133766	03/03/26 16:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 16:24	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 14:49	SMC	EET MID

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

Lab Sample ID: 880-68891-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133329	02/28/26 13:13	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133181	02/28/26 22:03	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			133526	02/28/26 22:03	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68891-4

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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			133766	03/03/26 16:38	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 16:38	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 14:56	SMC	EET MID

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

Lab Sample ID: 880-68891-5

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133329	02/28/26 13:13	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133181	02/28/26 22:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			133526	02/28/26 22:24	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133766	03/03/26 16:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 16:52	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 15:03	SMC	EET MID

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

Lab Sample ID: 880-68891-6

Date Collected: 02/23/26 00:00

Matrix: Solid

Date Received: 02/27/26 09:00

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	133329	02/28/26 13:13	AJ	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133181	02/28/26 22:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			133526	02/28/26 22:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			133766	03/03/26 17:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	133249	02/27/26 11:34	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133649	03/03/26 17:06	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	133288	02/27/26 15:07	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	133320	02/28/26 15:09	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
SDG: Lea 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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
 Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
 SDG: Lea County New Mexico

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Outlaw 22 Federal 1H (02.07.26)

Job ID: 880-68891-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68891-1	H-1 (0-0.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68891-2	H-2 (0-0.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68891-3	H-3 (0-0.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68891-4	H-4 (0-0.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68891-5	H-5 (0-0.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico
880-68891-6	H-6 (0-0.5')	Solid	02/23/26 00:00	02/27/26 09:00	New Mexico

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

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

Chain of Custody



Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonarresources.com

Program:	UST/ST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level II <input type="checkbox"/> Level III <input type="checkbox"/> P-ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Project Number:	Project Location:	Sampler's Name:	Temp Blank:	Thermometer ID:	Wet Ice:	Turn Around	Pres. Code	ANALYSIS REQUEST			Sample Comments																																																																																											
									Parameters																																																																																														
Outlaw 22 Federal 1H (02.07.26)	3150	Lea County, New Mexico	JR	Yes No	128	Yes No	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush Due Date: 72 HR TAT		BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0																																																																																												
<table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Date</th> <th>Time</th> <th>Soil</th> <th>Water</th> <th>Grab/Comp</th> <th># of Cont</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>H-1 (0-0.5')</td> <td>2/23/2026</td> <td></td> <td>X</td> <td></td> <td>G</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>H-2 (0-0.5')</td> <td>2/23/2026</td> <td></td> <td>X</td> <td></td> <td>G</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>H-3 (0-0.5')</td> <td>2/23/2026</td> <td></td> <td>X</td> <td></td> <td>G</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>H-4 (0-0.5')</td> <td>2/23/2026</td> <td></td> <td>X</td> <td></td> <td>G</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>H-5 (0-0.5')</td> <td>2/23/2026</td> <td></td> <td>X</td> <td></td> <td>G</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> <tr> <td>H-6 (0-0.5')</td> <td>2/23/2026</td> <td></td> <td>X</td> <td></td> <td>G</td> <td>1</td> <td>X</td> <td>X</td> <td>X</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>													Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont							H-1 (0-0.5')	2/23/2026		X		G	1	X	X	X				H-2 (0-0.5')	2/23/2026		X		G	1	X	X	X				H-3 (0-0.5')	2/23/2026		X		G	1	X	X	X				H-4 (0-0.5')	2/23/2026		X		G	1	X	X	X				H-5 (0-0.5')	2/23/2026		X		G	1	X	X	X				H-6 (0-0.5')	2/23/2026		X		G	1	X	X	X			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																																																																																																	
H-1 (0-0.5')	2/23/2026		X		G	1	X	X	X																																																																																														
H-2 (0-0.5')	2/23/2026		X		G	1	X	X	X																																																																																														
H-3 (0-0.5')	2/23/2026		X		G	1	X	X	X																																																																																														
H-4 (0-0.5')	2/23/2026		X		G	1	X	X	X																																																																																														
H-5 (0-0.5')	2/23/2026		X		G	1	X	X	X																																																																																														
H-6 (0-0.5')	2/23/2026		X		G	1	X	X	X																																																																																														

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	2-27-26 9:00

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68891-1
SDG Number: Lea County New Mexico

Login Number: 68891
List Number: 1
Creator: Dyal, Erica

List Source: Eurofins Midland

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

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



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 500
 Midland, Texas 79701

Generated 3/25/2026 1:47:53 PM

JOB DESCRIPTION

OUTLAW 22 FEDERAL 1H (02.07.26)
 Lea County, New Mexico

JOB NUMBER

890-9685-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
3/25/2026 1:47:53 PM

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

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

Client: Carmona Resources
Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Laboratory Job ID: 890-9685-1
SDG: Lea 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	16
QC Sample Results	18
QC Association Summary	24
Lab Chronicle	28
Certification Summary	32
Method Summary	33
Sample Summary	34
Chain of Custody	35
Receipt Checklists	39

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

Definitions/Glossary

Client: Carmona Resources
Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1

Job ID: 890-9685-1

Eurofins Carlsbad

Job Narrative 890-9685-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 3/20/2026 3:40 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 -10.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (2') (890-9685-1), CS - 2 (2') (890-9685-2), CS - 3 (2') (890-9685-3), CS - 4 (2') (890-9685-4), CS - 5 (2') (890-9685-5), CS - 6 (2') (890-9685-6), CS - 7 (2') (890-9685-7), CS - 8 (2') (890-9685-8), SW - 1 (2') (890-9685-9), SW - 2 (2') (890-9685-10), SW - 3 (2') (890-9685-11), SW - 4 (2') (890-9685-12) and SW - 5 (2') (890-9685-13).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW - 4 (2') (890-9685-12) and SW - 5 (2') (890-9685-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-135749 and analytical batch 880-135736 was outside the upper control limits.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 1 (2') (890-9685-1), CS - 2 (2') (890-9685-2), CS - 3 (2') (890-9685-3), CS - 4 (2') (890-9685-4), CS - 5 (2') (890-9685-5), CS - 6 (2') (890-9685-6), CS - 7 (2') (890-9685-7), CS - 8 (2') (890-9685-8), SW - 1 (2') (890-9685-9), SW - 2 (2') (890-9685-10), SW - 3 (2') (890-9685-11), SW - 4 (2') (890-9685-12) and SW - 5 (2') (890-9685-13). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-135679/2-A), (LCSD 880-135679/3-A), (890-9682-A-62-B), (890-9682-A-62-C MS) and (890-9682-A-62-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-135619 and analytical batch 880-135709 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.

The associated samples are: CS - 1 (2') (890-9685-1), CS - 2 (2') (890-9685-2), CS - 3 (2') (890-9685-3), CS - 4 (2') (890-9685-4), CS - 5 (2') (890-9685-5), CS - 6 (2') (890-9685-6), CS - 7 (2') (890-9685-7), CS - 8 (2') (890-9685-8), SW - 1 (2') (890-9685-9), (890-9682-A-66-A), (890-9682-A-66-B MS) and (890-9682-A-66-C MSD).

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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 1 (2')

Lab Sample ID: 890-9685-1

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 15:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 15:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 15:56	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/24/26 09:29	03/24/26 15:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 15:56	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/24/26 09:29	03/24/26 15:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	03/24/26 09:29	03/24/26 15:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/24/26 09:29	03/24/26 15:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/24/26 15:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/25/26 07:05	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		03/23/26 13:05	03/25/26 07:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 07:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 07:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130	03/23/26 13:05	03/25/26 07:05	1
o-Terphenyl (Surr)	166	S1+	70 - 130	03/23/26 13:05	03/25/26 07:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.1		10.0		mg/Kg			03/24/26 00:36	1

Client Sample ID: CS - 2 (2')

Lab Sample ID: 890-9685-2

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 16:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 16:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 16:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/24/26 09:29	03/24/26 16:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 16:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/24/26 09:29	03/24/26 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/24/26 09:29	03/24/26 16:17	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/24/26 09:29	03/24/26 16:17	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 2 (2')

Lab Sample ID: 890-9685-2

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/24/26 16:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/25/26 07:19	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	<50.2	U	50.2		mg/Kg		03/23/26 13:05	03/25/26 07:19	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/23/26 13:05	03/25/26 07:19	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/23/26 13:05	03/25/26 07:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	03/23/26 13:05	03/25/26 07:19	1
o-Terphenyl (Surr)	165	S1+	70 - 130	03/23/26 13:05	03/25/26 07:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		9.92		mg/Kg			03/24/26 00:43	1

Client Sample ID: CS - 3 (2')

Lab Sample ID: 890-9685-3

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 16:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 16:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 16:38	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/24/26 09:29	03/24/26 16:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 16:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/24/26 09:29	03/24/26 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/24/26 09:29	03/24/26 16:38	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/24/26 09:29	03/24/26 16:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/24/26 16:38	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	U	50.1		mg/Kg			03/25/26 07:35	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	<50.1	U	50.1		mg/Kg		03/23/26 13:05	03/25/26 07:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/23/26 13:05	03/25/26 07:35	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 3 (2')

Lab Sample ID: 890-9685-3

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/23/26 13:05	03/25/26 07:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				03/23/26 13:05	03/25/26 07:35	1
o-Terphenyl (Surr)	155	S1+	70 - 130				03/23/26 13:05	03/25/26 07:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.2		10.0		mg/Kg			03/24/26 01:03	1

Client Sample ID: CS - 4 (2')

Lab Sample ID: 890-9685-4

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 16:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 16:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 16:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/24/26 09:29	03/24/26 16:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 16:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/24/26 09:29	03/24/26 16:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				03/24/26 09:29	03/24/26 16:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/24/26 09:29	03/24/26 16:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/24/26 16:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/25/26 07:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 07:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 07:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 07:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				03/23/26 13:05	03/25/26 07:49	1
o-Terphenyl (Surr)	162	S1+	70 - 130				03/23/26 13:05	03/25/26 07:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		10.0		mg/Kg			03/24/26 01:10	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 5 (2')

Lab Sample ID: 890-9685-5

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 17:19	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/24/26 09:29	03/24/26 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 17:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/24/26 09:29	03/24/26 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/24/26 09:29	03/24/26 17:19	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/24/26 09:29	03/24/26 17:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/24/26 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/25/26 08:06	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		03/23/26 13:05	03/25/26 08:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 08:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 08:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130	03/23/26 13:05	03/25/26 08:06	1
o-Terphenyl (Surr)	160	S1+	70 - 130	03/23/26 13:05	03/25/26 08:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.9		10.0		mg/Kg			03/24/26 01:16	1

Client Sample ID: CS - 6 (2')

Lab Sample ID: 890-9685-6

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 17:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 17:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 17:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/24/26 09:29	03/24/26 17:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 17:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/24/26 09:29	03/24/26 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/24/26 09:29	03/24/26 17:40	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/24/26 09:29	03/24/26 17:40	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 6 (2')

Lab Sample ID: 890-9685-6

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/24/26 17:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/25/26 08:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 08:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				03/23/26 13:05	03/25/26 08:36	1
o-Terphenyl (Surr)	163	S1+	70 - 130				03/23/26 13:05	03/25/26 08:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		9.96		mg/Kg			03/24/26 01:23	1

Client Sample ID: CS - 7 (2')

Lab Sample ID: 890-9685-7

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:00	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/24/26 09:29	03/24/26 18:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/24/26 09:29	03/24/26 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				03/24/26 09:29	03/24/26 18:00	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/24/26 09:29	03/24/26 18:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/24/26 18:00	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			03/25/26 08:51	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		03/23/26 13:05	03/25/26 08:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/26 13:05	03/25/26 08:51	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 7 (2')

Lab Sample ID: 890-9685-7

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/26 13:05	03/25/26 08:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130				03/23/26 13:05	03/25/26 08:51	1
o-Terphenyl (Surr)	169	S1+	70 - 130				03/23/26 13:05	03/25/26 08:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.7		9.98		mg/Kg			03/24/26 01:29	1

Client Sample ID: CS - 8 (2')

Lab Sample ID: 890-9685-8

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 18:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 18:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/24/26 09:29	03/24/26 18:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/24/26 09:29	03/24/26 18:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/24/26 09:29	03/24/26 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				03/24/26 09:29	03/24/26 18:21	1
1,4-Difluorobenzene (Surr)	101		70 - 130				03/24/26 09:29	03/24/26 18:21	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			03/24/26 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/25/26 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 09:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 09:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 09:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				03/23/26 13:05	03/25/26 09:06	1
o-Terphenyl (Surr)	168	S1+	70 - 130				03/23/26 13:05	03/25/26 09:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.6		9.92		mg/Kg			03/24/26 01:36	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: SW - 1 (2')

Lab Sample ID: 890-9685-9

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/24/26 09:29	03/24/26 18:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 18:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/24/26 09:29	03/24/26 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/24/26 09:29	03/24/26 18:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/24/26 09:29	03/24/26 18:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/24/26 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/25/26 09:22	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		03/23/26 13:05	03/25/26 09:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/26 13:05	03/25/26 09:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/26 13:05	03/25/26 09:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130	03/23/26 13:05	03/25/26 09:22	1
o-Terphenyl (Surr)	161	S1+	70 - 130	03/23/26 13:05	03/25/26 09:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.7		10.1		mg/Kg			03/24/26 01:43	1

Client Sample ID: SW - 2 (2')

Lab Sample ID: 890-9685-10

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 19:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 19:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 19:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/24/26 09:29	03/24/26 19:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:29	03/24/26 19:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/24/26 09:29	03/24/26 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/24/26 09:29	03/24/26 19:02	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/24/26 09:29	03/24/26 19:02	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: SW - 2 (2')

Lab Sample ID: 890-9685-10

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/24/26 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/25/26 09:37	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		03/23/26 13:05	03/25/26 09:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/23/26 13:05	03/25/26 09:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/23/26 13:05	03/25/26 09:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	03/23/26 13:05	03/25/26 09:37	1
o-Terphenyl (Surr)	159	S1+	70 - 130	03/23/26 13:05	03/25/26 09:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.6		10.0		mg/Kg			03/25/26 10:20	1

Client Sample ID: SW - 3 (2')

Lab Sample ID: 890-9685-11

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/24/26 09:54	03/24/26 20:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/24/26 09:54	03/24/26 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	03/24/26 09:54	03/24/26 20:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/24/26 09:54	03/24/26 20:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/24/26 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/25/26 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 09:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 09:52	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: SW - 3 (2')

Lab Sample ID: 890-9685-11

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 09:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				03/23/26 13:05	03/25/26 09:52	1
o-Terphenyl (Surr)	139	S1+	70 - 130				03/23/26 13:05	03/25/26 09:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.8		10.1		mg/Kg			03/25/26 10:25	1

Client Sample ID: SW - 4 (2')

Lab Sample ID: 890-9685-12

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:54	03/24/26 20:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:54	03/24/26 20:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:54	03/24/26 20:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/24/26 09:54	03/24/26 20:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/24/26 09:54	03/24/26 20:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/24/26 09:54	03/24/26 20:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	297	S1+	70 - 130				03/24/26 09:54	03/24/26 20:29	1
1,4-Difluorobenzene (Surr)	112		70 - 130				03/24/26 09:54	03/24/26 20:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/24/26 20:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/25/26 10:08	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		03/23/26 13:05	03/25/26 10:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 10:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 10:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				03/23/26 13:05	03/25/26 10:08	1
o-Terphenyl (Surr)	164	S1+	70 - 130				03/23/26 13:05	03/25/26 10:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.5		9.94		mg/Kg			03/25/26 10:30	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: SW - 5 (2')

Lab Sample ID: 890-9685-13

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:50	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/24/26 09:54	03/24/26 20:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 20:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/24/26 09:54	03/24/26 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	03/24/26 09:54	03/24/26 20:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130	03/24/26 09:54	03/24/26 20:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/24/26 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/25/26 10:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 10:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 10:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/23/26 13:05	03/25/26 10:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	03/23/26 13:05	03/25/26 10:23	1
o-Terphenyl (Surr)	139	S1+	70 - 130	03/23/26 13:05	03/25/26 10:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		9.98		mg/Kg			03/25/26 10:36	1

Surrogate Summary

Client: Carmona Resources
Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
SDG: Lea 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)
880-69941-A-25-C MS	Matrix Spike	101	94
880-69941-A-25-D MSD	Matrix Spike Duplicate	103	98
880-69942-A-3-C MS	Matrix Spike	99	98
880-69942-A-3-D MSD	Matrix Spike Duplicate	96	96
890-9685-1	CS - 1 (2')	95	99
890-9685-2	CS - 2 (2')	101	97
890-9685-3	CS - 3 (2')	101	99
890-9685-4	CS - 4 (2')	97	95
890-9685-5	CS - 5 (2')	113	96
890-9685-6	CS - 6 (2')	104	100
890-9685-7	CS - 7 (2')	116	94
890-9685-8	CS - 8 (2')	97	101
890-9685-9	SW - 1 (2')	102	100
890-9685-10	SW - 2 (2')	102	99
890-9685-11	SW - 3 (2')	126	93
890-9685-12	SW - 4 (2')	297 S1+	112
890-9685-13	SW - 5 (2')	140 S1+	100
LCS 880-135745/1-A	Lab Control Sample	100	94
LCS 880-135749/1-A	Lab Control Sample	91	99
LCSD 880-135745/2-A	Lab Control Sample Dup	99	100
LCSD 880-135749/2-A	Lab Control Sample Dup	98	91
MB 880-135745/5-A	Method Blank	102	103
MB 880-135749/5-A	Method Blank	188 S1+	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)
890-9682-A-62-C MS	Matrix Spike	119	152 S1+
890-9682-A-62-D MSD	Matrix Spike Duplicate	116	157 S1+
890-9685-1	CS - 1 (2')	128	166 S1+
890-9685-2	CS - 2 (2')	127	165 S1+
890-9685-3	CS - 3 (2')	119	155 S1+
890-9685-4	CS - 4 (2')	127	162 S1+
890-9685-5	CS - 5 (2')	126	160 S1+
890-9685-6	CS - 6 (2')	122	163 S1+
890-9685-7	CS - 7 (2')	124	169 S1+
890-9685-8	CS - 8 (2')	125	168 S1+
890-9685-9	SW - 1 (2')	125	161 S1+
890-9685-10	SW - 2 (2')	122	159 S1+
890-9685-11	SW - 3 (2')	116	139 S1+
890-9685-12	SW - 4 (2')	126	164 S1+
890-9685-13	SW - 5 (2')	108	139 S1+
LCS 880-135679/2-A	Lab Control Sample	129	137 S1+

Eurofins Carlsbad

Surrogate Summary

Client: Carmona Resources
Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
SDG: Lea 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)
LCS8 880-135679/3-A	Lab Control Sample Dup	101	137 S1+
MB 880-135679/1-A	Method Blank	98	125

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-135745/5-A
 Matrix: Solid
 Analysis Batch: 135737

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 11:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 11:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 11:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/24/26 09:29	03/24/26 11:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:29	03/24/26 11:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/26 09:29	03/24/26 11:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/24/26 09:29	03/24/26 11:05	1
1,4-Difluorobenzene (Surr)	103		70 - 130	03/24/26 09:29	03/24/26 11:05	1

Lab Sample ID: LCS 880-135745/1-A
 Matrix: Solid
 Analysis Batch: 135737

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1080		mg/Kg		108	70 - 130
Toluene	0.100	0.09423		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.1037		mg/Kg		104	70 - 130
m,p-Xylenes	0.200	0.1982		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1041		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-135745/2-A
 Matrix: Solid
 Analysis Batch: 135737

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135745

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1215		mg/Kg		122	70 - 130	12	35
Toluene	0.100	0.1078		mg/Kg		108	70 - 130	13	35
Ethylbenzene	0.100	0.1197		mg/Kg		120	70 - 130	14	35
m,p-Xylenes	0.200	0.2258		mg/Kg		113	70 - 130	13	35
o-Xylene	0.100	0.1145		mg/Kg		115	70 - 130	10	35

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

Lab Sample ID: 880-69941-A-25-C MS
 Matrix: Solid
 Analysis Batch: 135737

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 135745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09687		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08667		mg/Kg		87	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-69941-A-25-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 135737

Prep Batch: 135745

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.09667		mg/Kg		97	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1818		mg/Kg		91	70 - 130
o-Xylene	<0.00200	U	0.100	0.09273		mg/Kg		93	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-69941-A-25-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 135737

Prep Batch: 135745

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.1098		mg/Kg		110	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.09649		mg/Kg		96	70 - 130	11	35
Ethylbenzene	<0.00200	U	0.100	0.1062		mg/Kg		106	70 - 130	9	35
m,p-Xylenes	<0.00399	U	0.200	0.2051		mg/Kg		103	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.1020		mg/Kg		102	70 - 130	10	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-135749/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 135736

Prep Batch: 135749

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 12:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/24/26 09:54	03/24/26 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/24/26 09:54	03/24/26 12:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/24/26 09:54	03/24/26 12:20	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130	03/24/26 09:54	03/24/26 12:20	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/24/26 09:54	03/24/26 12:20	1

Lab Sample ID: LCS 880-135749/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 135736

Prep Batch: 135749

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1032		mg/Kg		103	70 - 130
Toluene	0.100	0.09003		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.1053		mg/Kg		105	70 - 130
m,p-Xylenes	0.200	0.1854		mg/Kg		93	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-135749/1-A
Matrix: Solid
Analysis Batch: 135736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135749

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09976		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-135749/2-A
Matrix: Solid
Analysis Batch: 135736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135749

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1076		mg/Kg		108	70 - 130	4	35
Toluene	0.100	0.1017		mg/Kg		102	70 - 130	12	35
Ethylbenzene	0.100	0.1159		mg/Kg		116	70 - 130	10	35
m,p-Xylenes	0.200	0.2014		mg/Kg		101	70 - 130	8	35
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-69942-A-3-C MS
Matrix: Solid
Analysis Batch: 135736

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 135749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1102		mg/Kg		110	70 - 130
Toluene	<0.00200	U	0.100	0.09471		mg/Kg		95	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1100		mg/Kg		110	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1956		mg/Kg		98	70 - 130
o-Xylene	<0.00200	U	0.100	0.1059		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-69942-A-3-D MSD
Matrix: Solid
Analysis Batch: 135736

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 135749

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1032		mg/Kg		103	70 - 130	7	35
Toluene	<0.00200	U	0.100	0.08834		mg/Kg		88	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.1067		mg/Kg		107	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.1827		mg/Kg		91	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.09776		mg/Kg		98	70 - 130	8	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-69942-A-3-D MSD
 Matrix: Solid
 Analysis Batch: 135736

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 135749

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

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

Lab Sample ID: MB 880-135679/1-A
 Matrix: Solid
 Analysis Batch: 135792

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 135679

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 04:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 04:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/23/26 13:05	03/25/26 04:31	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	98		70 - 130	03/23/26 13:05	03/25/26 04:31	1
o-Terphenyl (Surr)	125		70 - 130	03/23/26 13:05	03/25/26 04:31	1

Lab Sample ID: LCS 880-135679/2-A
 Matrix: Solid
 Analysis Batch: 135792

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 135679

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits	
		Result	Qualifier				Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	995.6		mg/Kg		100	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1044		mg/Kg		104	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	137	S1+	70 - 130

Lab Sample ID: LCSD 880-135679/3-A
 Matrix: Solid
 Analysis Batch: 135792

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135679

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits		RPD Limit	
		Result	Qualifier				Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	986.7		mg/Kg		99	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	1000	1139		mg/Kg		114	70 - 130	9	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	137	S1+	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9682-A-66-B MS
Matrix: Solid
Analysis Batch: 135709

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3980	F1	1250	5877	F1	mg/Kg		152	90 - 110

Lab Sample ID: 890-9682-A-66-C MSD
Matrix: Solid
Analysis Batch: 135709

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3980	F1	1250	5870	F1	mg/Kg		152	90 - 110	0	20

Lab Sample ID: MB 880-135746/1-A
Matrix: Solid
Analysis Batch: 135862

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/25/26 09:12	1

Lab Sample ID: LCS 880-135746/2-A
Matrix: Solid
Analysis Batch: 135862

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.4		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-135746/3-A
Matrix: Solid
Analysis Batch: 135862

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	238.6		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 820-24196-A-1-C MS
Matrix: Solid
Analysis Batch: 135862

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	125		251	351.2		mg/Kg		90	90 - 110

Lab Sample ID: 820-24196-A-1-D MSD
Matrix: Solid
Analysis Batch: 135862

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	125		251	352.3		mg/Kg		91	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 135736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-11	SW - 3 (2')	Total/NA	Solid	8021B	135749
890-9685-12	SW - 4 (2')	Total/NA	Solid	8021B	135749
890-9685-13	SW - 5 (2')	Total/NA	Solid	8021B	135749
MB 880-135749/5-A	Method Blank	Total/NA	Solid	8021B	135749
LCS 880-135749/1-A	Lab Control Sample	Total/NA	Solid	8021B	135749
LCSD 880-135749/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135749
880-69942-A-3-C MS	Matrix Spike	Total/NA	Solid	8021B	135749
880-69942-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135749

Analysis Batch: 135737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Total/NA	Solid	8021B	135745
890-9685-2	CS - 2 (2')	Total/NA	Solid	8021B	135745
890-9685-3	CS - 3 (2')	Total/NA	Solid	8021B	135745
890-9685-4	CS - 4 (2')	Total/NA	Solid	8021B	135745
890-9685-5	CS - 5 (2')	Total/NA	Solid	8021B	135745
890-9685-6	CS - 6 (2')	Total/NA	Solid	8021B	135745
890-9685-7	CS - 7 (2')	Total/NA	Solid	8021B	135745
890-9685-8	CS - 8 (2')	Total/NA	Solid	8021B	135745
890-9685-9	SW - 1 (2')	Total/NA	Solid	8021B	135745
890-9685-10	SW - 2 (2')	Total/NA	Solid	8021B	135745
MB 880-135745/5-A	Method Blank	Total/NA	Solid	8021B	135745
LCS 880-135745/1-A	Lab Control Sample	Total/NA	Solid	8021B	135745
LCSD 880-135745/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135745
880-69941-A-25-C MS	Matrix Spike	Total/NA	Solid	8021B	135745
880-69941-A-25-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135745

Prep Batch: 135745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Total/NA	Solid	5035	
890-9685-2	CS - 2 (2')	Total/NA	Solid	5035	
890-9685-3	CS - 3 (2')	Total/NA	Solid	5035	
890-9685-4	CS - 4 (2')	Total/NA	Solid	5035	
890-9685-5	CS - 5 (2')	Total/NA	Solid	5035	
890-9685-6	CS - 6 (2')	Total/NA	Solid	5035	
890-9685-7	CS - 7 (2')	Total/NA	Solid	5035	
890-9685-8	CS - 8 (2')	Total/NA	Solid	5035	
890-9685-9	SW - 1 (2')	Total/NA	Solid	5035	
890-9685-10	SW - 2 (2')	Total/NA	Solid	5035	
MB 880-135745/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135745/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135745/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69941-A-25-C MS	Matrix Spike	Total/NA	Solid	5035	
880-69941-A-25-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 135749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-11	SW - 3 (2')	Total/NA	Solid	5035	
890-9685-12	SW - 4 (2')	Total/NA	Solid	5035	
890-9685-13	SW - 5 (2')	Total/NA	Solid	5035	
MB 880-135749/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

GC VOA (Continued)

Prep Batch: 135749 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-135749/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135749/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69942-A-3-C MS	Matrix Spike	Total/NA	Solid	5035	
880-69942-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Total/NA	Solid	Total BTEX	
890-9685-2	CS - 2 (2')	Total/NA	Solid	Total BTEX	
890-9685-3	CS - 3 (2')	Total/NA	Solid	Total BTEX	
890-9685-4	CS - 4 (2')	Total/NA	Solid	Total BTEX	
890-9685-5	CS - 5 (2')	Total/NA	Solid	Total BTEX	
890-9685-6	CS - 6 (2')	Total/NA	Solid	Total BTEX	
890-9685-7	CS - 7 (2')	Total/NA	Solid	Total BTEX	
890-9685-8	CS - 8 (2')	Total/NA	Solid	Total BTEX	
890-9685-9	SW - 1 (2')	Total/NA	Solid	Total BTEX	
890-9685-10	SW - 2 (2')	Total/NA	Solid	Total BTEX	
890-9685-11	SW - 3 (2')	Total/NA	Solid	Total BTEX	
890-9685-12	SW - 4 (2')	Total/NA	Solid	Total BTEX	
890-9685-13	SW - 5 (2')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 135679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Total/NA	Solid	8015NM Prep	
890-9685-2	CS - 2 (2')	Total/NA	Solid	8015NM Prep	
890-9685-3	CS - 3 (2')	Total/NA	Solid	8015NM Prep	
890-9685-4	CS - 4 (2')	Total/NA	Solid	8015NM Prep	
890-9685-5	CS - 5 (2')	Total/NA	Solid	8015NM Prep	
890-9685-6	CS - 6 (2')	Total/NA	Solid	8015NM Prep	
890-9685-7	CS - 7 (2')	Total/NA	Solid	8015NM Prep	
890-9685-8	CS - 8 (2')	Total/NA	Solid	8015NM Prep	
890-9685-9	SW - 1 (2')	Total/NA	Solid	8015NM Prep	
890-9685-10	SW - 2 (2')	Total/NA	Solid	8015NM Prep	
890-9685-11	SW - 3 (2')	Total/NA	Solid	8015NM Prep	
890-9685-12	SW - 4 (2')	Total/NA	Solid	8015NM Prep	
890-9685-13	SW - 5 (2')	Total/NA	Solid	8015NM Prep	
MB 880-135679/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-135679/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-135679/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9682-A-62-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9682-A-62-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 135792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Total/NA	Solid	8015B NM	135679
890-9685-2	CS - 2 (2')	Total/NA	Solid	8015B NM	135679
890-9685-3	CS - 3 (2')	Total/NA	Solid	8015B NM	135679
890-9685-4	CS - 4 (2')	Total/NA	Solid	8015B NM	135679
890-9685-5	CS - 5 (2')	Total/NA	Solid	8015B NM	135679

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 135792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-6	CS - 6 (2')	Total/NA	Solid	8015B NM	135679
890-9685-7	CS - 7 (2')	Total/NA	Solid	8015B NM	135679
890-9685-8	CS - 8 (2')	Total/NA	Solid	8015B NM	135679
890-9685-9	SW - 1 (2')	Total/NA	Solid	8015B NM	135679
890-9685-10	SW - 2 (2')	Total/NA	Solid	8015B NM	135679
890-9685-11	SW - 3 (2')	Total/NA	Solid	8015B NM	135679
890-9685-12	SW - 4 (2')	Total/NA	Solid	8015B NM	135679
890-9685-13	SW - 5 (2')	Total/NA	Solid	8015B NM	135679
MB 880-135679/1-A	Method Blank	Total/NA	Solid	8015B NM	135679
LCS 880-135679/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	135679
LCSD 880-135679/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	135679
890-9682-A-62-C MS	Matrix Spike	Total/NA	Solid	8015B NM	135679
890-9682-A-62-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	135679

Analysis Batch: 135900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Total/NA	Solid	8015 NM	
890-9685-2	CS - 2 (2')	Total/NA	Solid	8015 NM	
890-9685-3	CS - 3 (2')	Total/NA	Solid	8015 NM	
890-9685-4	CS - 4 (2')	Total/NA	Solid	8015 NM	
890-9685-5	CS - 5 (2')	Total/NA	Solid	8015 NM	
890-9685-6	CS - 6 (2')	Total/NA	Solid	8015 NM	
890-9685-7	CS - 7 (2')	Total/NA	Solid	8015 NM	
890-9685-8	CS - 8 (2')	Total/NA	Solid	8015 NM	
890-9685-9	SW - 1 (2')	Total/NA	Solid	8015 NM	
890-9685-10	SW - 2 (2')	Total/NA	Solid	8015 NM	
890-9685-11	SW - 3 (2')	Total/NA	Solid	8015 NM	
890-9685-12	SW - 4 (2')	Total/NA	Solid	8015 NM	
890-9685-13	SW - 5 (2')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 135619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Soluble	Solid	DI Leach	
890-9685-2	CS - 2 (2')	Soluble	Solid	DI Leach	
890-9685-3	CS - 3 (2')	Soluble	Solid	DI Leach	
890-9685-4	CS - 4 (2')	Soluble	Solid	DI Leach	
890-9685-5	CS - 5 (2')	Soluble	Solid	DI Leach	
890-9685-6	CS - 6 (2')	Soluble	Solid	DI Leach	
890-9685-7	CS - 7 (2')	Soluble	Solid	DI Leach	
890-9685-8	CS - 8 (2')	Soluble	Solid	DI Leach	
890-9685-9	SW - 1 (2')	Soluble	Solid	DI Leach	
MB 880-135619/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135619/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135619/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9682-A-66-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9682-A-66-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

HPLC/IC

Analysis Batch: 135709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-1	CS - 1 (2')	Soluble	Solid	300.0	135619
890-9685-2	CS - 2 (2')	Soluble	Solid	300.0	135619
890-9685-3	CS - 3 (2')	Soluble	Solid	300.0	135619
890-9685-4	CS - 4 (2')	Soluble	Solid	300.0	135619
890-9685-5	CS - 5 (2')	Soluble	Solid	300.0	135619
890-9685-6	CS - 6 (2')	Soluble	Solid	300.0	135619
890-9685-7	CS - 7 (2')	Soluble	Solid	300.0	135619
890-9685-8	CS - 8 (2')	Soluble	Solid	300.0	135619
890-9685-9	SW - 1 (2')	Soluble	Solid	300.0	135619
MB 880-135619/1-A	Method Blank	Soluble	Solid	300.0	135619
LCS 880-135619/2-A	Lab Control Sample	Soluble	Solid	300.0	135619
LCSD 880-135619/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135619
890-9682-A-66-B MS	Matrix Spike	Soluble	Solid	300.0	135619
890-9682-A-66-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	135619

Leach Batch: 135746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-10	SW - 2 (2')	Soluble	Solid	DI Leach	
890-9685-11	SW - 3 (2')	Soluble	Solid	DI Leach	
890-9685-12	SW - 4 (2')	Soluble	Solid	DI Leach	
890-9685-13	SW - 5 (2')	Soluble	Solid	DI Leach	
MB 880-135746/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-135746/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-135746/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
820-24196-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
820-24196-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 135862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9685-10	SW - 2 (2')	Soluble	Solid	300.0	135746
890-9685-11	SW - 3 (2')	Soluble	Solid	300.0	135746
890-9685-12	SW - 4 (2')	Soluble	Solid	300.0	135746
890-9685-13	SW - 5 (2')	Soluble	Solid	300.0	135746
MB 880-135746/1-A	Method Blank	Soluble	Solid	300.0	135746
LCS 880-135746/2-A	Lab Control Sample	Soluble	Solid	300.0	135746
LCSD 880-135746/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	135746
820-24196-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	135746
820-24196-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	135746

Lab Chronicle

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 1 (2')

Lab Sample ID: 890-9685-1

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 15:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 07:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 07:05	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 00:36	SMC	EET MID

Client Sample ID: CS - 2 (2')

Lab Sample ID: 890-9685-2

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 16:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 16:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 07:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 07:19	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 00:43	SMC	EET MID

Client Sample ID: CS - 3 (2')

Lab Sample ID: 890-9685-3

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 16:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 07:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 07:35	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:03	SMC	EET MID

Client Sample ID: CS - 4 (2')

Lab Sample ID: 890-9685-4

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 16:58	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 4 (2')

Lab Sample ID: 890-9685-4

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			135900	03/25/26 07:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 07:49	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:10	SMC	EET MID

Client Sample ID: CS - 5 (2')

Lab Sample ID: 890-9685-5

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 17:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 08:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 08:06	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:16	SMC	EET MID

Client Sample ID: CS - 6 (2')

Lab Sample ID: 890-9685-6

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 17:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 08:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 08:36	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:23	SMC	EET MID

Client Sample ID: CS - 7 (2')

Lab Sample ID: 890-9685-7

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 18:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 08:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 08:51	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: CS - 7 (2')

Lab Sample ID: 890-9685-7

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:29	SMC	EET MID

Client Sample ID: CS - 8 (2')

Lab Sample ID: 890-9685-8

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 18:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 09:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 09:06	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:36	SMC	EET MID

Client Sample ID: SW - 1 (2')

Lab Sample ID: 890-9685-9

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 18:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 09:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 09:22	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	135619	03/23/26 10:26	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135709	03/24/26 01:43	SMC	EET MID

Client Sample ID: SW - 2 (2')

Lab Sample ID: 890-9685-10

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135745	03/24/26 09:29	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135737	03/24/26 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 19:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 09:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 09:37	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	135746	03/24/26 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135862	03/25/26 10:20	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
 SDG: Lea County, New Mexico

Client Sample ID: SW - 3 (2')

Lab Sample ID: 890-9685-11

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	135749	03/24/26 09:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135736	03/24/26 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 20:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 09:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 09:52	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	135746	03/24/26 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135862	03/25/26 10:25	CS	EET MID

Client Sample ID: SW - 4 (2')

Lab Sample ID: 890-9685-12

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	135749	03/24/26 09:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135736	03/24/26 20:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 20:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 10:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 10:08	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	135746	03/24/26 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135862	03/25/26 10:30	CS	EET MID

Client Sample ID: SW - 5 (2')

Lab Sample ID: 890-9685-13

Date Collected: 03/19/26 00:00

Matrix: Solid

Date Received: 03/20/26 15:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	135749	03/24/26 09:54	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135736	03/24/26 20:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135913	03/24/26 20:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			135900	03/25/26 10:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	135679	03/23/26 13:05	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	135792	03/25/26 10:23	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	135746	03/24/26 09:32	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	135862	03/25/26 10:36	CS	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: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
SDG: Lea 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	06-30-26												
<p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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

Method Summary

Client: Carmona Resources
Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
SDG: Lea County, New Mexico

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: OUTLAW 22 FEDERAL 1H (02.07.26)

Job ID: 890-9685-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9685-1	CS - 1 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-2	CS - 2 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-3	CS - 3 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-4	CS - 4 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-5	CS - 5 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-6	CS - 6 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-7	CS - 7 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-8	CS - 8 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-9	SW - 1 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-10	SW - 2 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-11	SW - 3 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-12	SW - 4 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico
890-9685-13	SW - 5 (2')	Solid	03/19/26 00:00	03/20/26 15:40	New Mexico

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

Chain of Custody

Work Order No: _____

Page 1 of 2

Project Manager: Conner Moehring
 Company Name: Carmona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-6823
 Email: mcarmona@carmonaresources.com

Bill to: (if different)
 Company Name: Carmona Resources
 Address:
 City, State ZIP:

Work Order Comments
 Program: UST/PST PRP Brownfields RRC Superfund
 State of Project:
 Reporting: Level II Level III PST/AUST RRP Level IV
 Deliverables: EDD ADaPT Other:

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Due Date:	72 HR TAT	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush						
Outlaw 22 Federal 1H (02.07.26)	3150	Lea County, New Mexico	CMM		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	72 HR TAT					None; NO DI Water; H ₂ O Cool; Cool MeOH; Me HCL; HC HNO ₃ ; HN H ₂ SO ₄ ; H ₂ H ₃ PO ₄ ; HP NaHSO ₄ ; NABIS Na ₂ S ₂ O ₃ ; NaSO ₃ Zn Acetate+NaOH; Zn NaOH+Ascorbic Acid; SAPC
<p>Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Thermometer ID: <u>Timeo</u> Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Correction Factor: <u>-0.2</u></p> <p>Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Temperature Reading: <u>-11.0</u></p> <p>Total Containers: <u>-10.3</u></p>												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont						
CS-1 (2')	3/19/2026		X		C	1	BTEX 8021B					
CS-2 (2')	3/19/2026		X		C	1	TPH 8015M (GRO + DRO + MRO)					
CS-3 (2')	3/19/2026		X		C	1	Chloride 300.0					
CS-4 (2')	3/19/2026		X		C	1						
CS-5 (2')	3/19/2026		X		C	1						
CS-6 (2')	3/19/2026		X		C	1						
CS-7 (2')	3/19/2026		X		C	1						
CS-8 (2')	3/19/2026		X		C	1						
SW-1 (2')	3/19/2026		X		C	1						
SW-2 (2')	3/19/2026		X		C	1						

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

Relinquished by: (Signature) Conner Moehring Date/Time 3-20-26

Received by: (Signature) [Signature] Date/Time 3/20 15:10

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

Chain of Custody

Work Order No: _____

Page 2 of 2

Project Manager: Conner Moehring
Company Name: Carmona Resources
Address: 310 W Wall St Ste 500
 Midland, TX 79701
Phone: 432-813-6823
Email: mcarmona@carmonaresources.com

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

Project Name: Outlaw 22 Federal 1H (02.07.26)
Project Number: 3150
Project Location: Lea County, New Mexico
Sampler's Name: CMM

Turn Around: Routine Rush
Due Date: 72 HR TAT

Temp Blank: Yes No
Thermometer ID: *14 mccc*
Correction Factor: *-0.2*
Temperature Reading: *-11.0*
Corrected Temperature: *-10.8*

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							Parameters	Pres. Code		
SW-3 (2')	3/19/2026		X		C	1	BTEX 8021B			None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SACP
SW-4 (2')	3/19/2026		X		C	1	TPH 8015M (GRO + DRO + MRO)			
SW-5 (2')	3/19/2026		X		C	1	Chloride 300.0			

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

Relinquished by: (Signature) *Mike*

Received by: (Signature) *Summs*

Date/Time 9-2-20-5

Date/Time 3-20-15-10

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

Eurofins Carlsbad

1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	N/A	Lab PM:	Kramer, Jessica	Carrier Tracking No(s):	N/A	COC No:	890-6706-1	
Client Contact:	Shipping/Receiving	Phone:	N/A	E-Mail:	Jessica.Kramer@eurofins.com	State of Origin:	New Mexico	Page:	Page 1 of 2	
Company:	Eurofins Environment Testing South Cent	Due Date Requested:	3/25/2026	Accreditations Required (See note):	NE LAP - Texas	Job #:	890-9685-1	Preservation Codes:		
Address:	1211 W. Florida Ave.	TAT Requested (days):	N/A	Analysis Requested						
City:	Midland	PO #:	N/A	Field Filtered Sample (Yes or No)						
State, Zip:	TX, 79701	WO #:	N/A	Perform MS/MSD (Yes or No)						
Phone:	432-704-5440(Tel)	Project #:	89000237	Total BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride		
Email:	N/A	SSOW#:	N/A							
Project Name:	OJTLAW 22 FEDERAL 1H (02.07.26)	Matrix (Wet, Solid, Overstool, Br-Treat, A-Ad)								
Site:	N/A	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total Number of containers	Special Instructions/Note:
SW - 1 (2) (890-9685-1)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 2 (2) (890-9685-2)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 3 (2) (890-9685-3)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 4 (2) (890-9685-4)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 5 (2) (890-9685-5)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 6 (2) (890-9685-6)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 7 (2) (890-9685-7)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
CS - 8 (2) (890-9685-8)	3/19/26	Mountain	G	Solid	X	X	X	X	1	
SW - 1 (2) (890-9685-9)	3/19/26	Mountain	G	Solid	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (Specify) Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Reinquished by: _____ Date: _____

Reinquished by: _____ Date/Time: _____

Reinquished by: _____ Date/Time: _____

Reinquished by: _____ Date/Time: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

Cooler Temperature(s) °C and Other Remarks: _____

Eurofins Carlsbad

1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Environment Testing

Client Information (Sub Contract Lab)		Sampler:	N/A	Lab PM:	Kramer, Jessica	Carrier Tracking No(s):	N/A	COC No:	890-67062
Client Contact:	Phone:	N/A	E-Mail:	Jessica.Kramer@eurofins.com	State of Origin:	New Mexico	Page:	Page 2 of 2	
Shipping/Receiving:	N/A	Company:	Eurofins Environment Testing South Cent	Accreditations Required (See note):	NE LAP - Texas	Job #:	890-9685-1	Preservation Codes:	
Address:	1211 W. Florida Ave.	Due Date Requested:	3/25/2026	Analysis Requested					
City:	Midland	TAT Requested (days):	N/A	<input checked="" type="checkbox"/> Field Filtered Sample (Yes or No)	<input checked="" type="checkbox"/> Perform MS/MSD (Yes or No)	Total_BTEX_GCV		Total Number of containers	<input checked="" type="checkbox"/>
State Zip:	TX, 79701	PO #:	N/A	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride		
Phone:	432-704-5440(Tel)	W/O #:	N/A						
Email:	N/A	Project #:	89000237						
Project Name:	OULTAW 22 FEDERAL 1H (02.07.26)	SSOW#:	N/A						
Site:	N/A	Special Instructions/Note:							
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/assay/method being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.</p>									
<p>Possible Hazard Identification</p> <p>Unconfirmed</p> <p>Deliverable Requested: II, III, IV, Other (Specify) Primary Deliverable Rank: 2</p> <p>Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)</p> <p><input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months</p>									
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:						
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:				
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:				
Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:							

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9685-1
SDG Number: Lea County, New Mexico

Login Number: 9685

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9685-1
SDG Number: Lea County, New Mexico

Login Number: 9685

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 03/22/26 07:56 PM

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	

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



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 500
 Midland, Texas 79701

Generated 2/18/2026 4:17:51 PM

JOB DESCRIPTION

Populus Federal 3H Flare Fire (12.8.25)
 Eddy County New Mexico

JOB NUMBER

880-68269-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701




Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

Authorization



Generated
2/18/2026 4:17:51 PM

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

Client: Carmona Resources
Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Laboratory Job ID: 880-68269-1
SDG: Eddy County New Mexico

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

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

Definitions/Glossary

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1

Job ID: 880-68269-1

Eurofins Midland

Job Narrative 880-68269-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 2/13/2026 3:10 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -6.0°C.

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-132225 and analytical batch 880-132162 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: Backfill (880-68269-1), (880-68275-A-1-E), (880-68275-A-1-C MS) and (880-68275-A-1-D MSD). 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.

Diesel Range Organics

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131834 and analytical batch 880-132065 was outside the upper control limits.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-68269-1

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/13/26 15:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:38	02/18/26 13:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:38	02/18/26 13:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:38	02/18/26 13:45	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		02/18/26 11:38	02/18/26 13:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:38	02/18/26 13:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 11:38	02/18/26 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	02/18/26 11:38	02/18/26 13:45	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/18/26 11:38	02/18/26 13:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/18/26 13:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/18/26 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:00	02/18/26 05:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:00	02/18/26 05:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:00	02/18/26 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	02/15/26 18:00	02/18/26 05:24	1
o-Terphenyl (Surr)	109		70 - 130	02/15/26 18:00	02/18/26 05:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		10.0		mg/Kg			02/17/26 13:03	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-68269-1	Backfill	140 S1+	89
880-68275-A-1-C MS	Matrix Spike	137 S1+	84
880-68275-A-1-D MSD	Matrix Spike Duplicate	132 S1+	83
LCS 880-132225/1-A	Lab Control Sample	101	81
LCSD 880-132225/2-A	Lab Control Sample Dup	99	85
MB 880-132225/5-A	Method Blank	127	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
880-68265-A-11-B MS	Matrix Spike	103	107
880-68265-A-11-C MSD	Matrix Spike Duplicate	119	122
880-68269-1	Backfill	110	109
LCS 880-131834/2-A	Lab Control Sample	122	127
LCSD 880-131834/3-A	Lab Control Sample Dup	103	108
MB 880-131834/1-A	Method Blank	134 S1+	141 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132225/5-A
 Matrix: Solid
 Analysis Batch: 132162

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	02/18/26 07:00	02/18/26 11:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/18/26 07:00	02/18/26 11:20	1

Lab Sample ID: LCS 880-132225/1-A
 Matrix: Solid
 Analysis Batch: 132162

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1162		mg/Kg		116	70 - 130
Toluene	0.100	0.1150		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1127		mg/Kg		113	70 - 130
m,p-Xylenes	0.200	0.1790		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09012		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-132225/2-A
 Matrix: Solid
 Analysis Batch: 132162

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1282		mg/Kg		128	70 - 130	10	35
Toluene	0.100	0.1159		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1090		mg/Kg		109	70 - 130	3	35
m,p-Xylenes	0.200	0.1782		mg/Kg		89	70 - 130	0	35
o-Xylene	0.100	0.09045		mg/Kg		90	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-68275-A-1-C MS
 Matrix: Solid
 Analysis Batch: 132162

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1111		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09882		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: 880-68275-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132162

Prep Batch: 132225

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.1114		mg/Kg		111	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1934		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-68275-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132162

Prep Batch: 132225

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier							
Benzene	<0.00200	U	0.100	0.1285		mg/Kg		129	70 - 130	15		35
Toluene	<0.00200	U	0.100	0.1279		mg/Kg		128	70 - 130	26		35
Ethylbenzene	<0.00200	U F1	0.100	0.1355	F1	mg/Kg		135	70 - 130	20		35
m,p-Xylenes	<0.00399	U	0.200	0.2427		mg/Kg		121	70 - 130	23		35
o-Xylene	<0.00200	U	0.100	0.1229		mg/Kg		123	70 - 130	20		35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

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

Lab Sample ID: MB 880-131834/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132065

Prep Batch: 131834

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/15/26 18:00	02/17/26 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/15/26 18:00	02/17/26 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/15/26 18:00	02/17/26 23:06	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	134	S1+	70 - 130	02/15/26 18:00	02/17/26 23:06	1
o-Terphenyl (Surr)	141	S1+	70 - 130	02/15/26 18:00	02/17/26 23:06	1

Lab Sample ID: LCS 880-131834/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132065

Prep Batch: 131834

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1280		mg/Kg		128	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1192		mg/Kg		119	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

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

Lab Sample ID: LCS 880-131834/2-A
Matrix: Solid
Analysis Batch: 132065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131834

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	127		70 - 130

Lab Sample ID: LCSD 880-131834/3-A
Matrix: Solid
Analysis Batch: 132065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131834

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1066		mg/Kg		107	70 - 130	18	20	
Diesel Range Organics (Over C10-C28)	1000	1021		mg/Kg		102	70 - 130	15	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: 880-68265-A-11-B MS
Matrix: Solid
Analysis Batch: 132065

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	979.2		mg/Kg		98	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	929.0		mg/Kg		93	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: 880-68265-A-11-C MSD
Matrix: Solid
Analysis Batch: 132065

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1168		mg/Kg		117	70 - 130	18	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1093		mg/Kg		109	70 - 130	16	20	

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	122		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131979/1-A
 Matrix: Solid
 Analysis Batch: 131998

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			02/17/26 09:06	1

Lab Sample ID: LCS 880-131979/2-A
 Matrix: Solid
 Analysis Batch: 131998

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	227.5		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-131979/3-A
 Matrix: Solid
 Analysis Batch: 131998

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	228.6		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-68269-1 MS
 Matrix: Solid
 Analysis Batch: 131998

Client Sample ID: Backfill
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.9		250	247.2		mg/Kg		94	90 - 110

Lab Sample ID: 880-68269-1 MSD
 Matrix: Solid
 Analysis Batch: 131998

Client Sample ID: Backfill
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.9		250	247.1		mg/Kg		94	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

GC VOA

Analysis Batch: 132162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Total/NA	Solid	8021B	132225
MB 880-132225/5-A	Method Blank	Total/NA	Solid	8021B	132225
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	8021B	132225
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132225
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132225
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132225

Prep Batch: 132225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Total/NA	Solid	5035	
MB 880-132225/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-131834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68265-A-11-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68265-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Total/NA	Solid	8015B NM	131834
MB 880-131834/1-A	Method Blank	Total/NA	Solid	8015B NM	131834
LCS 880-131834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131834
LCSD 880-131834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131834
880-68265-A-11-B MS	Matrix Spike	Total/NA	Solid	8015B NM	131834
880-68265-A-11-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131834

Analysis Batch: 132213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Soluble	Solid	DI Leach	
MB 880-131979/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131979/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131979/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
SDG: Eddy County New Mexico

HPLC/IC (Continued)

Leach Batch: 131979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1 MS	Backfill	Soluble	Solid	DI Leach	
880-68269-1 MSD	Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 131998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68269-1	Backfill	Soluble	Solid	300.0	131979
MB 880-131979/1-A	Method Blank	Soluble	Solid	300.0	131979
LCS 880-131979/2-A	Lab Control Sample	Soluble	Solid	300.0	131979
LCSD 880-131979/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131979
880-68269-1 MS	Backfill	Soluble	Solid	300.0	131979
880-68269-1 MSD	Backfill	Soluble	Solid	300.0	131979

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
 SDG: Eddy County New Mexico

Client Sample ID: Backfill

Lab Sample ID: 880-68269-1

Date Collected: 02/11/26 00:00

Matrix: Solid

Date Received: 02/13/26 15:10

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	132225	02/18/26 11:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132162	02/18/26 13:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132284	02/18/26 13:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132213	02/18/26 05:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131834	02/15/26 18:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132065	02/18/26 05:24	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131979	02/16/26 14:26	SA	EET MID
Soluble	Analysis	300.0		1			131998	02/17/26 13:03	CS	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
Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
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	06-30-26

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

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

Method Summary

Client: Carmona Resources
Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
SDG: Eddy County New Mexico

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

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Populus Federal 3H Flare Fire (12.8.25)

Job ID: 880-68269-1
SDG: Eddy County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68269-1	Backfill	Solid	02/11/26 00:00	02/13/26 15:10	New Mexico

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68269-1
SDG Number: Eddy County New Mexico

Login Number: 68269

List Number: 1

Creator: Dyal, Erica

List Source: Eurofins Midland

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

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

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 571727

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2604030634
Incident Name	NAPP2604030634 OUTLAW 22 FEDERAL COM 1H @ 30-025-40725
Incident Type	Release Other
Incident Status	Reclamation Report Received
Incident Well	[30-025-40725] OUTLAW 22 FEDERAL COM #001H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Outlaw 22 Federal Com 1H
Date Release Discovered	02/07/2026
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Normal Operations Well Crude Oil Released: 2 BBL Recovered: 1 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Normal Operations Well Produced Water Released: 20 BBL Recovered: 8 BBL Lost: 12 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Release was the result of pumping unit packing failure.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

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	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 04/06/2026
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). 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 in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	663
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/19/2026
On what date will (or did) the final sampling or liner inspection occur	03/19/2026
On what date will (or was) the remediation complete(d)	03/25/2026
What is the estimated surface area (in square feet) that will be reclaimed	1439
What is the estimated volume (in cubic yards) that will be reclaimed	125
What is the estimated surface area (in square feet) that will be remediated	1439
What is the estimated volume (in cubic yards) that will be remediated	125

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 4

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 04/06/2026
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 5

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 6

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	562563
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/19/2026
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	1439

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1439
What was the total volume (cubic yards) remediated	125
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1439
What was the total volume (in cubic yards) reclaimed	125
Summarize any additional remediation activities not included by answers (above)	NA

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 04/06/2026
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1439
What was the total volume of replacement material (in cubic yards) for this site	125
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	08/03/2026
Summarize any additional reclamation activities not included by answers (above)	NA
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Jacob Laird Title: Environmental Engineer Email: jacob.laird@conocophillips.com Date: 04/06/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 8

Action 571727

QUESTIONS (continued)

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	No
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 571727

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 571727
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation closure and reclamation report approved, release resolved. Pending re-vegetation report.	5/13/2026