



SITE INFORMATION

**Closure Report
Corvo Federal 003H (10.21.25)
Incident ID: nAPP2530133498
Lea County, New Mexico
Unit N Sec 29 T24S R32E
32.181333°, -103.699829°**

**Crude Oil & Produced Water Release
Point of Release: Corrosion on Flowline
Release Date: 10/21/2025**

**Volume Released: 1 Barrel of Crude Oil and 1 Barrel of Produced Water
Volume Recovered: 0 Barrels of Crude Oil and 0 Barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:
COG Production, 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



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January 13, 2026

New Mexico Oil Conservation District
1220 South St, France Drive
Santa Fe, NM 87505

Re: **Closure Report**
Corvo Federal 003H (10.21.25)
Incident ID: nAPP2530133498
COG Production, LLC
Site Location: Unit N, S29, T24S, R32E
32.181333°, -103.699829 °
Lea County, New Mexico

To whom it may concern:

At the request of Concho Production, LLC (COG), Carmona Resources LLC has prepared this letter to document the site remediation conducted at the Corvo Federal 003H (10.21.25), located at 32.181333°, -103.699829° within Unit N, S29, T24S, R32E, 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 October 21, 2025, due to corrosion on a flowline. The incident resulted in the release of approximately one (1) barrel of crude oil and one (1) barrel of produced water, with zero (0) barrels of crude oil and zero (0) barrels of produced water recovered. The spill boundaries are shown in Figure 3. The Notification of Release and initial 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 source within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.06 miles East of the site at 32.18139°, -103.6989°, and was drilled in 2021. The GWDB was drilled to 105 feet below ground surface (ft bgs) and did not have evidence of groundwater after 72 hours. A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On October 30, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of three (3) sample points (S-1 and S-3) and seven (7) horizontal sample points (H-1 through H-7) 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 Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories



in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Remediation Activities

On December 22, 2025, Carmona Resources personnel were onsite to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on November 24, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. Two (2) confirmation floor samples (CS-1 through CS-2) and four (4) sidewall samples (SW-1 through SW-4) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas, in accordance with established chain-of-custody protocols. 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 met the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 for the results.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 269 square feet of contamination was remediated, resulting in 22 cubic yards of material excavated and transported offsite for proper disposal. The material utilized for the backfill was sourced from the Capone Pit. 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.

6.0 Revegetation Activities

On January 6, 2026, the backfilled areas in the pasture were seeded via hand broadcast with the appropriate pounds of pure live seed per acre. The seed mixture used was BLM #1 seed mix. See Figure 5 for the revegetation area. See Appendix F for the Soil Survey.

7.0 Conclusions

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

Sincerely,
Carmona Resources, LLC

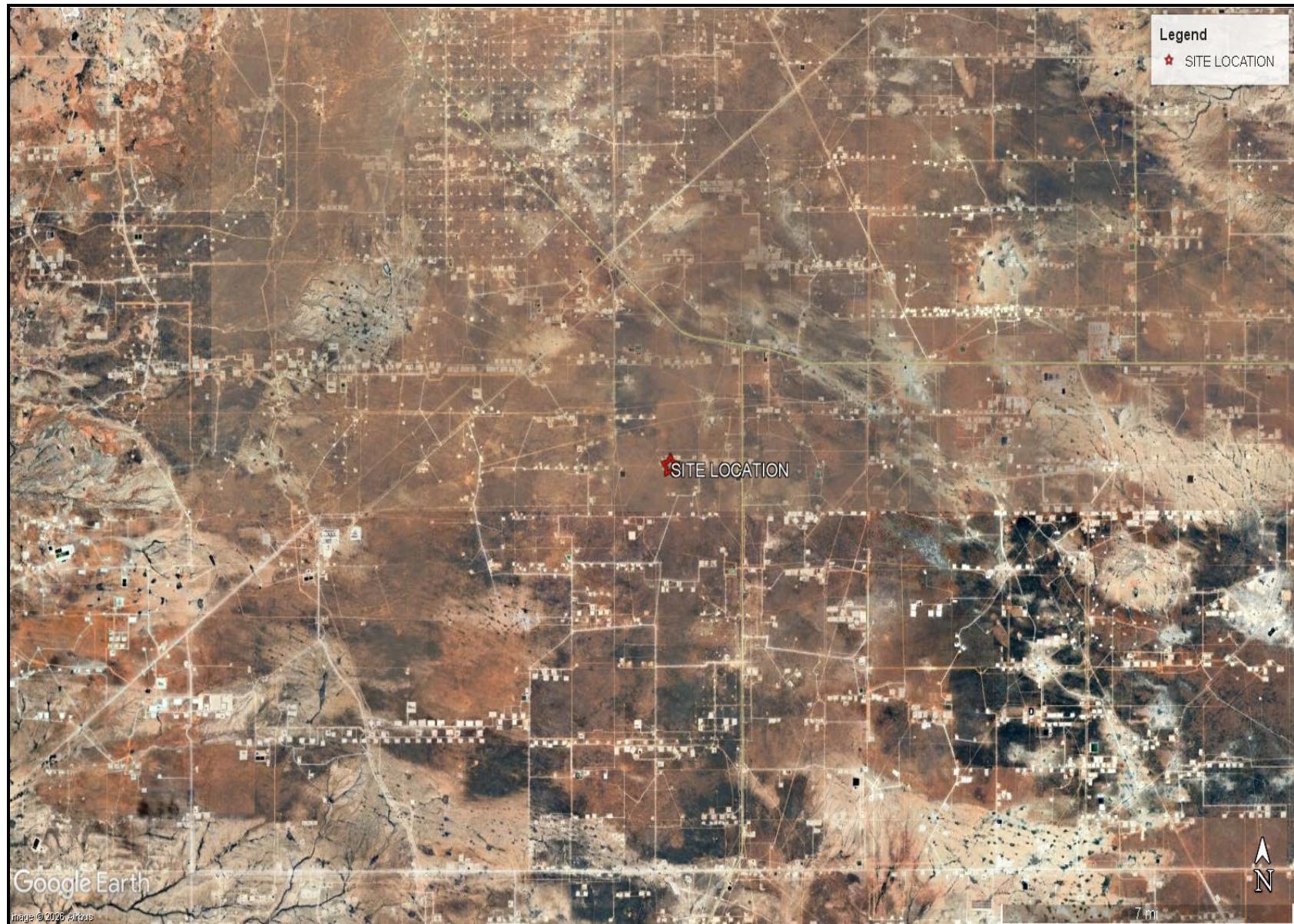
Conner Moehring
 Environmental Manager

Stephen Reyes
 Environmental Engineer

FIGURES

CARMONA RESOURCES

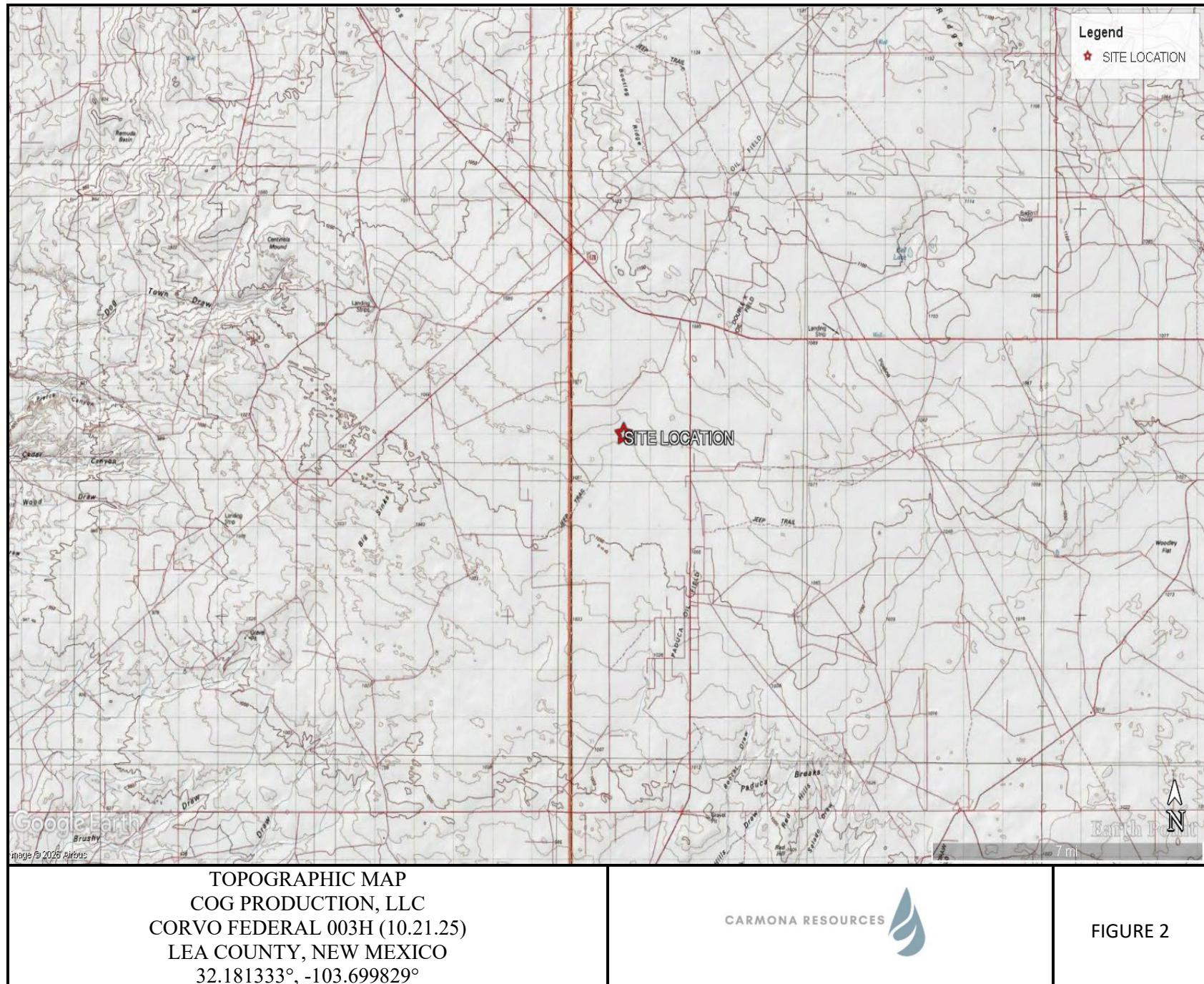




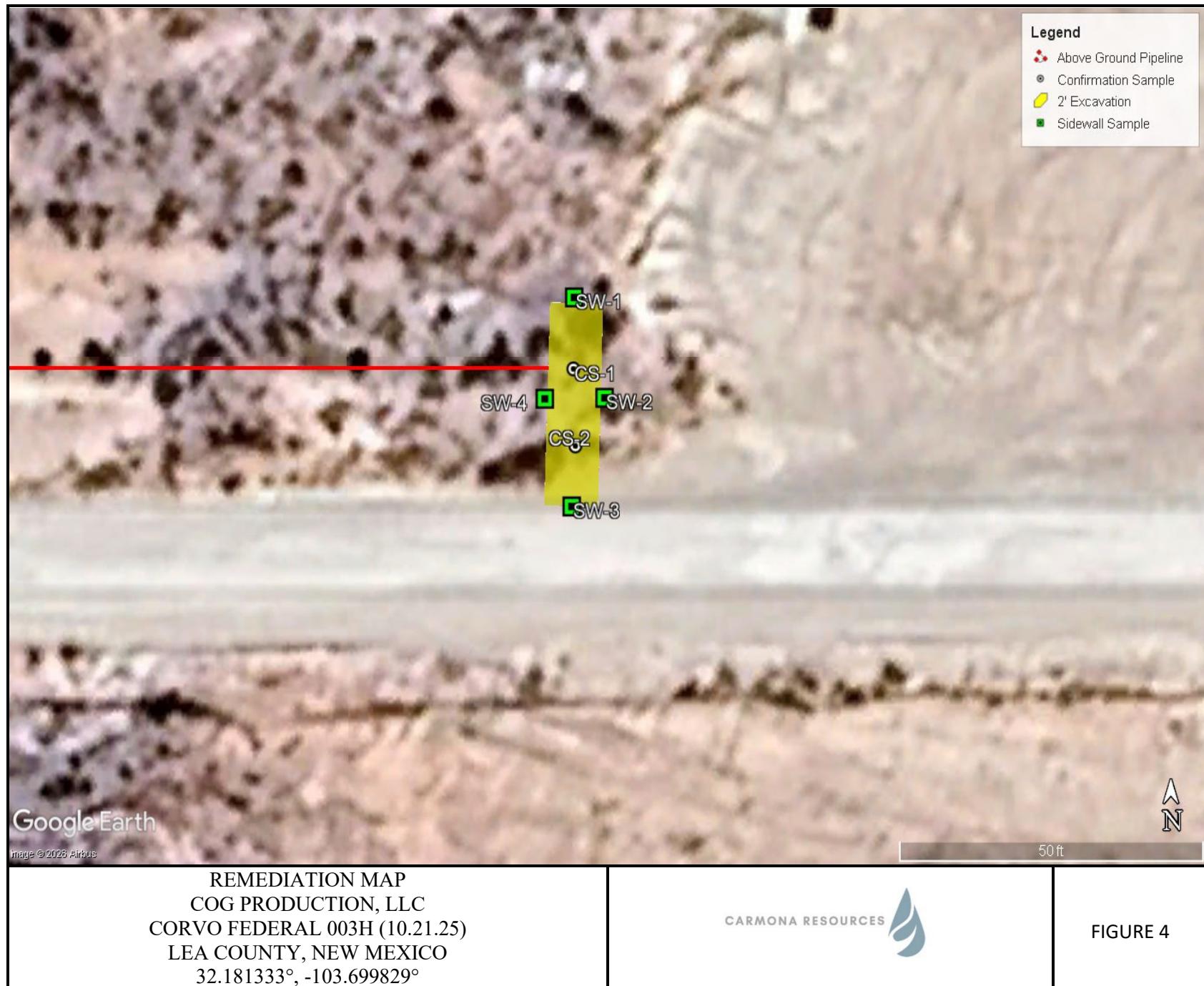
OVERVIEW MAP
COG PRODUCTION, LLC
CORVO FEDERAL 003H (10.21.25)
LEA COUNTY, NEW MEXICO
32.181333°, -103.699829°



FIGURE 1









APPENDIX A

CARMONA RESOURCES



Table 1
COG Production, LLC
Corvo Federal 3H (10.21.25)
Lea County, New Mexico

Sample ID	Date	Depth (in & 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						
S-1	11/11/2025	0-1'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	185
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,130
	"	2'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.1
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	266
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	318
S-2	11/11/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	154
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	62.9
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	63.5
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	57.2
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	77.8
S-3	11/11/2025	0-1'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.3
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	17.8
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.96
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	29.0
H-1	11/11/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-2	11/11/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
H-3	11/11/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	127
H-4	11/11/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.98
H-5	11/11/2025	0-0.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	61.1
H-6	11/11/2025	0-0.5'	<50.4	<50.4	<50.4	<50.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	66.2
H-7	11/11/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	66.9
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) Sample Point

(H) Horizontal Sample

Removed

Table 2
COG Production, LLC
Corvo Federal 3H (10.21.25)
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						
CS-1	12/22/2025	2'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.9
CS-2	12/22/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	24.3
SW-1	12/22/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	25.9
SW-2	12/22/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	0.00233	<0.00398	<0.00398	13.3
SW-3	12/22/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	16.7
SW-4	12/22/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	21.2
Backfill	1/5/2026	-	<50.0	<50.0	<50.0	<50.0	100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(CS) Confirmation Sample

(SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES

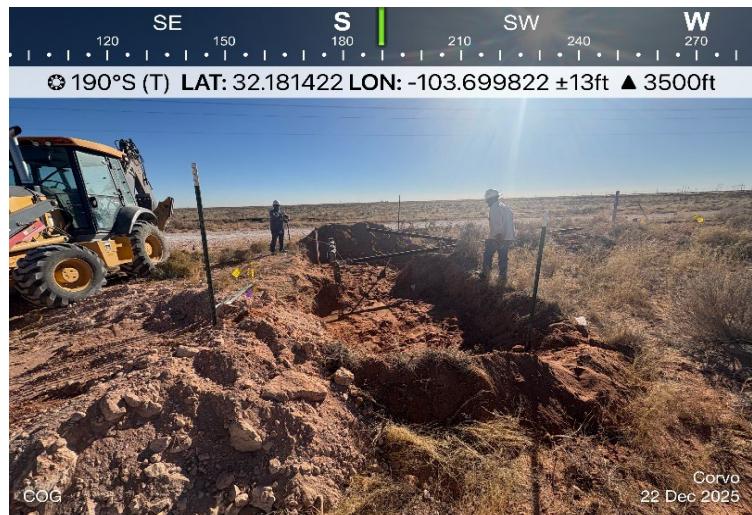


PHOTOGRAPHIC LOG

COG Production, LLC

Photograph No. 1**Facility:** Corvo Federal 003H (10.21.25)**County:** Lea County, New Mexico**Description:**

View South, area of CS-1

**Photograph No. 2****Facility:** Corvo Federal 003H (10.21.25)**County:** Lea County, New Mexico**Description:**

View Northwest, area of CS-2

**Photograph No. 3****Facility:** Corvo Federal 003H (10.21.25)**County:** Lea County, New Mexico**Description:**

View Southeast of backfilled area.



PHOTOGRAPHIC LOG

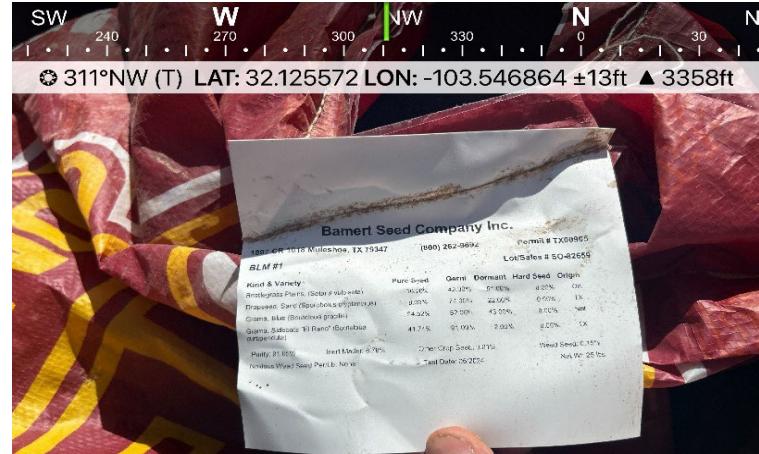
COG Production, LLC

Photograph No. 4**Facility:** Corvo Federal 003H (10.21.25)**County:** Lea County, New Mexico**Description:**

View South of backfilled area

**Photograph No. 5****Facility:** Corvo Federal 003H (10.21.25)**County:** Lea County, New Mexico**Description:**

View Northwest of BLM seed mix

**Photograph No. 6****Facility:** Corvo Federal 003H (10.21.25)**County:** Lea County, New Mexico**Description:**

View East of reclaimed area



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 520528

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520528
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Corvo Federal 003H
Date Release Discovered	10/21/2025
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: Corrosion Flow Line - Production Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 1 BBL Recovered: 0 BBL Lost: 1 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)	Not answered.

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

QUESTIONS, Page 2

Action 520528

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520528
	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)	More volume information must be supplied to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

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	Not answered.
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	Not answered.
All free liquids and recoverable materials have been removed and managed appropriately	Not answered.
If all the actions described above have not been undertaken, explain why	Not answered.

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.

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

ACKNOWLEDGMENTS

Action 520528

ACKNOWLEDGMENTS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520528
	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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 520528

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520528
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
brittanyesparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/28/2025

Spill Calculation - On-Pad Surface Pool Spill

Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	Estimated Pool 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	8	4	1.0	32.00	0.47	0.00	0.48		0.00	0.48
Rectangle B	47	4	0.3	188.00	0.84	0.00	0.84		0.00	0.84
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:							1.3143		0.0000	1.3143

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

QUESTIONS

Action 520536

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520536
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530133498
Incident Name	NAPP2530133498 CORVO FEDERAL 003H @ FAPP2203846438
Incident Type	Release Other
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2203846438] Corvo Federal 4H RT BTTY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Corvo Federal 003H
Date Release Discovered	10/21/2025
Surface Owner	Federal

Incident Details	
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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	
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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)	Not answered.

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emrrd.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 520536

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520536
	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)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

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	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	Not answered.

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: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 10/28/2025
--	---

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Phone: (505) 476-3441

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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 520536

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520536
	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)	<i>Not answered.</i>
What method was used to determine the depth to ground water	<i>Not answered.</i>
Did this release impact groundwater or surface water	<i>Not answered.</i>
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	<i>Not answered.</i>
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	<i>Not answered.</i>
An occupied permanent residence, school, hospital, institution, or church	<i>Not answered.</i>
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	<i>Not answered.</i>
Any other fresh water well or spring	<i>Not answered.</i>
Incorporated municipal boundaries or a defined municipal fresh water well field	<i>Not answered.</i>
A wetland	<i>Not answered.</i>
A subsurface mine	<i>Not answered.</i>
An (non-karst) unstable area	<i>Not answered.</i>
Categorize the risk of this well / site being in a karst geology	<i>Not answered.</i>
A 100-year floodplain	<i>Not answered.</i>
Did the release impact areas not on an exploration, development, production, or storage site	<i>Not answered.</i>

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 520536

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 520536
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 approved. The next report submittal is due to OCD no later than 90-days from the discovery of the release, by 01/20/2026.	10/28/2025

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 536042

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 536042
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530133498
Incident Name	NAPP2530133498 CORVO FEDERAL 003H @ FAPP2203846438
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2203846438] Corvo Federal 4H RT BTTY

Location of Release Source

Site Name	CORVO FEDERAL 003H
Date Release Discovered	10/21/2025
Surface Owner	Federal

Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet	275
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/22/2025
Time sampling will commence	09:30 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	32.181333, -103.699917

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 536042

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 536042
	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.	12/18/2025
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.	12/18/2025

APPENDIX D

CARMONA RESOURCES



- Legend**
- 0.06 Miles
 - 0.50 Mile Radius
 - Corvo Federal 003H (10.21.2025)
 - Groundwater Determination Bore







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
C 04858 POD1		CUB	LE	SE	SE	SW	32	24S	32E	622834.1	3559754.2	●	1545	55		
C 04665		CUB	LE	NW	NW	NE	30	24S	32E	621349.8	3562798.6	●	1946	120		
C 04536 POD1		C	LE	NW	NE	NE	33	24S	32E	625019.4	3561244.5	●	2457	500	314	186
C 04722 POD2		CUB	LE	NE	NW	NW	06	25S	32E	620808.2	3559499.5	●	2496	55		
C 04654 POD1		CUB	ED	SW	SW	SE	25	24S	31E	619764.3	3561226.9	●	2798	55		
C 04636 POD1		CUB	ED	SW	SE	SW	25	24S	31E	619200.0	3561279.4	●	3362			
C 04643 POD1		C	ED	SE	NE	NE	05	23S	27E	619200.0	3561279.4	●	3362	305	135	170
C 04620 POD1		CUB	LE	SE	SW	SE	06	25S	32E	621445.0	3558018.4	●	3443	55		
C 04924 POD1		CUB	LE	SE	SE	SW	04	25S	32E	624324.5	3558103.7	●	3629	105		
C 04795 POD1		CUB	LE	SE	SE	NW	08	25S	32E	622864.7	3557423.8	●	3864			

Average Depth to Water: **224 feet**

Minimum Depth: **135 feet**

Maximum Depth: **314 feet**

Record Count: 10

UTM Filters (in meters):

Easting: 622562.00

Northing: 3561276.00

Radius: 4000

* UTM location was derived from PLSS - see Help

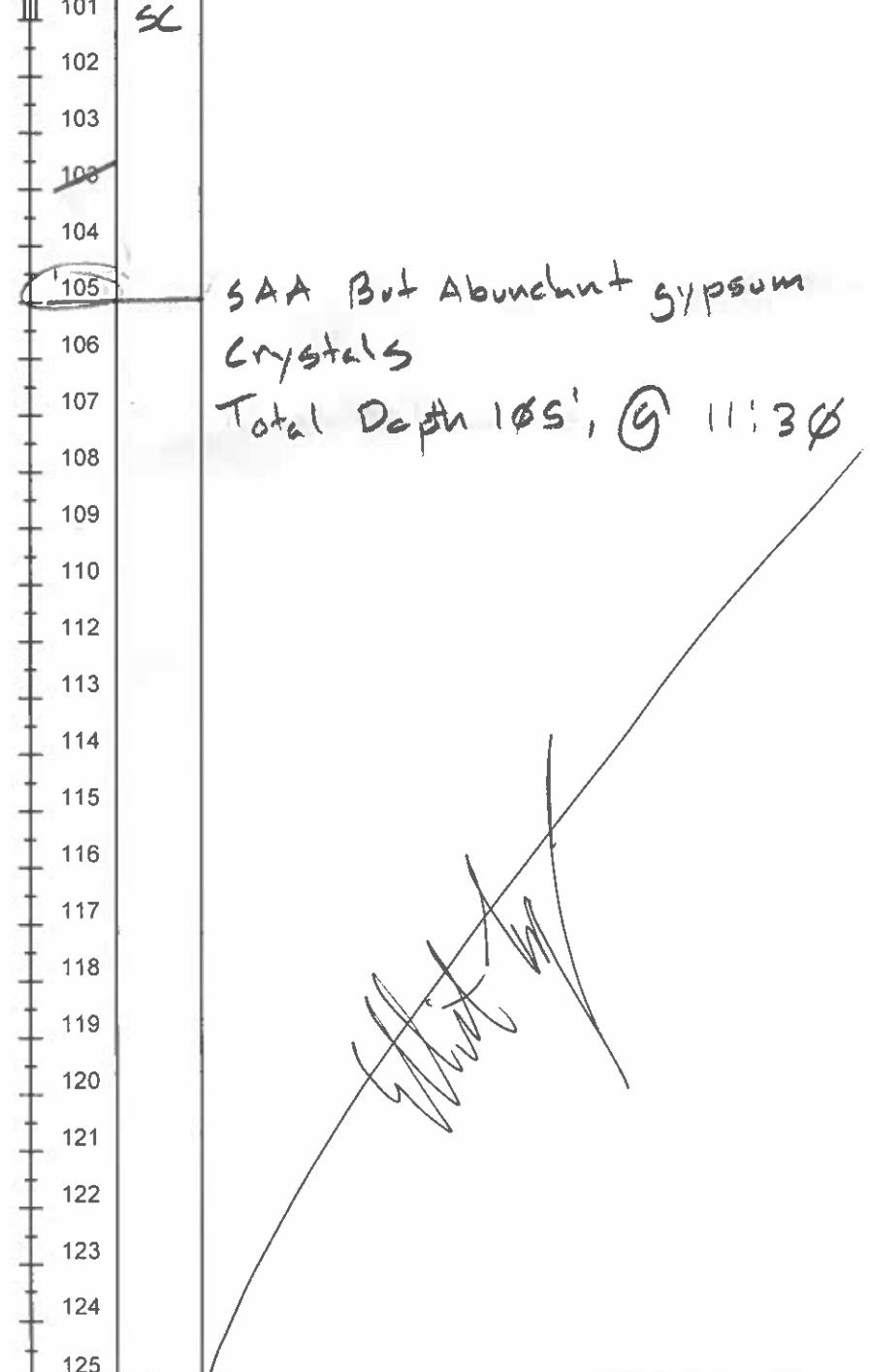
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

 WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220						BH or PH Name: BH01	Date: 2-9-2021	
						Site Name: Azores Fed #4H		
						RP or Incident Number: NAPP2124346388		
						WSP Job Number: 31402909.130		
LITHOLOGIC / SOIL SAMPLING LOG						Logged By: <u>EC</u>	Method: Hollow Stem Air Rotary	
Lat/Long: 32.18139, -103.6989			Field Screening: N/A			Hole Diameter: <u>6</u>	Total Depth: <u>105'</u>	
Comments: <u>Depth to water boring, Lithology Remarks Only</u>								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
					1			SM - SAND, Fine - medium grain, silty, poorly graded, dry, Reddish Brown, Abundant caliche gravel, Trace clay, low plasticity, cohesive. No stain, No odor
					2			SAA/ But trace caliche gravel (same as above)
					3			
					4			
					5			
					6			
					7			
					8			
					9			
					10			SAA/ But color change to light brown,
					11			
					12			
					13			
					14			
					15			SAA
					16			
					17			
					18			
					19			
					20			SAA
					21			
					22			
					23			
					24			
					25			SAA But Abundant Caliche

 <p>WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220</p>							BH or PH Name	Date
							Site Name:	
							RP or Incident Number:	
							WSP Job Number:	
LITHOLOGIC / SOIL SAMPLING LOG							Logged By	Method:
Lat/Long			Field Screening:				Hole Diameter	Total Depth
Comments								
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks
					26		SM	
					27			
					28			
					29			
					30			
					31		SC	SAA/But, <u>some</u> clay, Reddish brown color, No silt present
					32			
					33			
					34			
					35			SAA/But trace caliche gravel present.
					36			
					37			
					38			
					39			
					40			SAA/But Abundant gypsum crystals present.
					41			
					42			
					43			
					44			
					45			SAA/But only Fine grain sand, Trace gypsum crystals present. (possible mottling)
					46			
					47			
					48			sharp transition to clayey sand. Fine grain, No caliche
					49			
					50			
								gravel present, grayish color

 <p>WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220</p>							BH or PH Name	Date:	
							Site Name:		
							RP or Incident Number:		
							WSP Job Number:		
LITHOLOGIC / SOIL SAMPLING LOG							Logged By:	Method:	
Lat/Long:			Field Screening:			Hole Diameter:	Total Depth:		
Comments:									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks	
					51		SC		
					52				
					53				
					54			Dry, Low plasticity, cohesive	
					55			^d SAND, clayey, Fine grain, poorly	
					56			grained Reddish brown, gray colored	
					57			Sand also present (mottling), ^{Possible} Tree	
					58			gypsum crystals	
					59				
					60			- SAA	
					61				
					62				
					63				
					64				
					65			- SAA	
					66				
					67				
					68				
					69				
					70			Clayey, Reddish brown	
					71			SAND, Fine grain, Dry, poorly graded,	
					72			Abundant clay, Low plasticity,	
					73			Cohesive, Abundant gypsum	
					74			Crystals	
					75			- SAA	

 <p>WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220</p>							BH or PH Name	Date:	
							Site Name:		
							RP or Incident Number:		
							WSP Job Number:		
LITHOLOGIC / SOIL SAMPLING LOG							Logged By:	Method:	
Lat/Long:			Field Screening:					Hole Diameter:	Total Depth:
Comments:									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks	
					76		SC	<p>low plasticity, cohesive</p> <p>80 - SAND, clayey, Fine grain, Dry, poorly graded, Reddish Brown, Abundant Gypsum crystals.</p> <p>85 - SAA But some clay, low plasticity, non-cohesive. Not clayey sand.</p> <p>90 - SAA</p> <p>95 - SAA</p> <p>Clayey SAND, Fine grain, poorly graded, Abundant clay, low plasticity, cohesive. Trace Gypsum crystals.</p>	
					77				
					78				
					79				
					80				
					81				
					82				
					83				
					84				
					85				
					86		SM		
					87				
					88				
					89				
					90				
					91				
					92				
					93				
					94				
					95				
					96				
					97				
					98				
					99				
					100		SC		

 <p>WSP USA 508 West Stevens Street Carlsbad, New Mexico 88220</p>						BH or PH Name: _____	Date: _____		
						Site Name: _____			
						RP or Incident Number: _____			
						WSP Job Number: _____			
LITHOLOGIC / SOIL SAMPLING LOG						Logged By: _____	Method: _____		
Lat/Long: _____			Field Screening: _____			Hole Diameter: _____	Total Depth: _____		
Comments: _____									
Moisture Content	Chloride (ppm)	Vapor (ppm)	Staining	Sample #	Sample Depth (ft bgs)	Depth (ft bgs)	USCS/Rock Symbol	Lithology/Remarks	
							SC	<p>101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125</p> <p>SAA But Abundant gypsum crystals Total Depth 105', G 11' 3"</p> 	

Corvo Federal 003H (10.21.2025)



10/28/2025

USA Flood Hazard Areas

 1% Annual Chance Flood Hazard

World_Hillshade

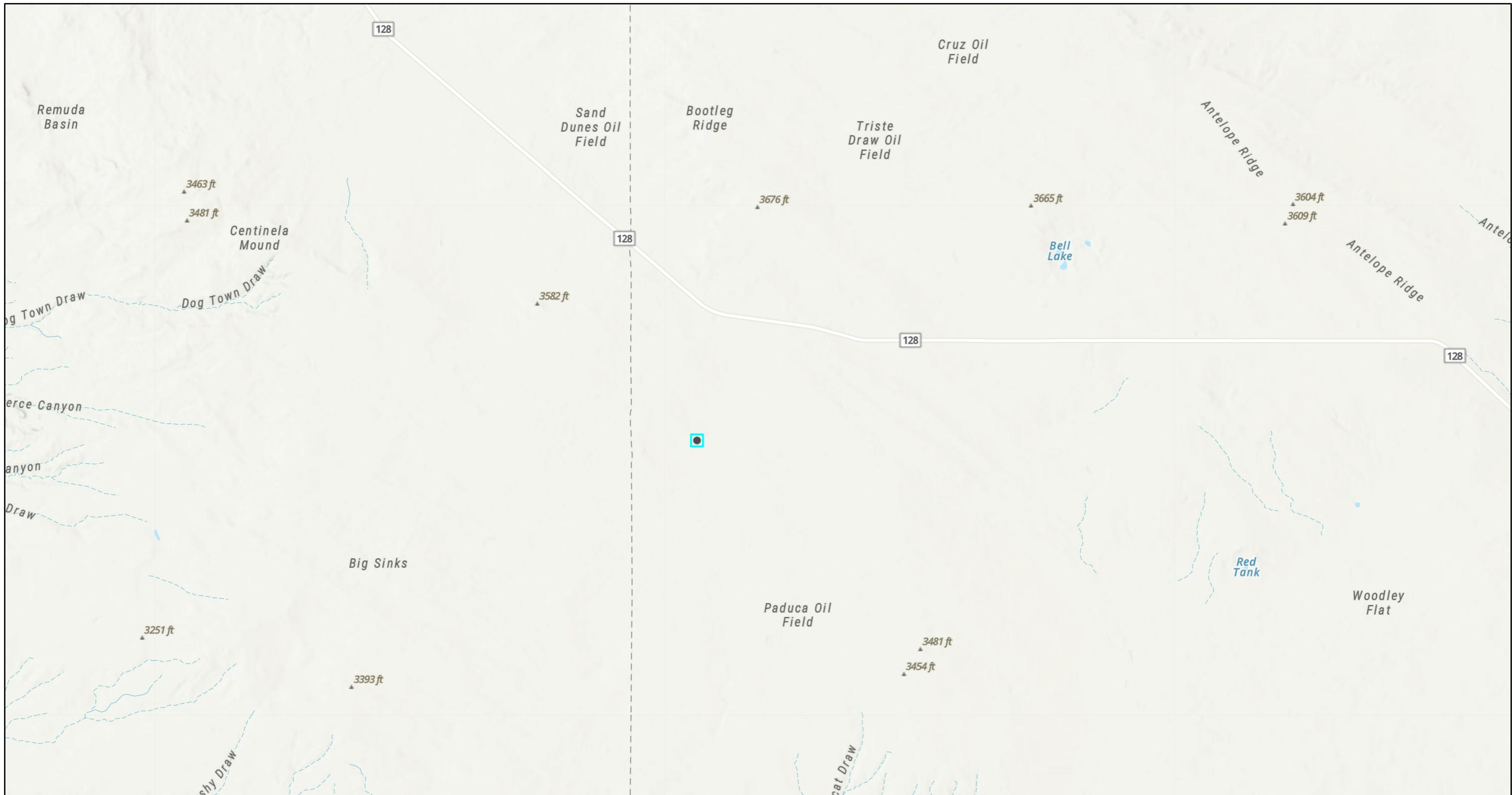
1:144,448



0 1 2 4 mi
0 1.5 3 6 km

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

Corvo Federal 003H (10.21.2025)



10/28/2025, 2:09:15 PM

1:144,448

0 1.5 3 5 6 mi
0 2.5 5 10 km

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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 11/24/2025 1:38:57 PM

JOB DESCRIPTION

Corvo Federal 3H (10.21.25)
Lea County, New Mexico

JOB NUMBER

880-65031-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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
11/24/2025 1:38:57 PM

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

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Laboratory Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

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: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1

Job ID: 880-65031-1**Eurofins Midland****Job Narrative
880-65031-1**

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 11/14/2025 4:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.9°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

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124272 and analytical batch 880-124283 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: CCV was biased low for gasoline range hydrocarbons. Another CCV was analyzed and acceptable within the 12 hour window; therefore the data was qualified and reported.

(CCV 880-124283/86)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-124272/2-A) and (LCSD 880-124272/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-1

Matrix: Solid

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 06:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 06:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 06:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 10:37	11/23/25 06:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 06:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 10:37	11/23/25 06:19	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		110		70 - 130			11/18/25 10:37	11/23/25 06:19	1
1,4-Difluorobenzene (Surr)		101		70 - 130			11/18/25 10:37	11/23/25 06:19	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			11/23/25 06:19	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			11/19/25 06:09	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	<49.8	U F1	49.8		mg/Kg		11/18/25 08:27	11/19/25 06:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U F1	49.8		mg/Kg		11/18/25 08:27	11/19/25 06:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/18/25 08:27	11/19/25 06:09	1
Surrogate									
1-Chlorooctane (Surr)		125	70 - 130				11/18/25 08:27	11/19/25 06:09	1
o-Terphenyl (Surr)		113	70 - 130				11/18/25 08:27	11/19/25 06:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/18/25 20:02	1

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

Lab Sample ID: 880-65031-2

Matrix: Solid

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 06:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 10:37	11/23/25 06:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 10:37	11/23/25 06:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 10:37	11/23/25 06:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 10:37	11/23/25 06:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 10:37	11/23/25 06:39	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		114		70 - 130			11/18/25 10:37	11/23/25 06:39	1
1,4-Difluorobenzene (Surr)		102		70 - 130			11/18/25 10:37	11/23/25 06:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-2

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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			11/23/25 06:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			11/19/25 06:52	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	<50.1	U	50.1		mg/Kg		11/18/25 08:27	11/19/25 06:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/18/25 08:27	11/19/25 06:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/18/25 08:27	11/19/25 06:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				11/18/25 08:27	11/19/25 06:52	1
<i>o</i> -Terphenyl (Surr)	107		70 - 130				11/18/25 08:27	11/19/25 06:52	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			11/18/25 20:08	1

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

Lab Sample ID: 880-65031-3

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 07:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 07:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 07:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 10:37	11/23/25 07:00	1
<i>o</i> -Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 07:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 10:37	11/23/25 07:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				11/18/25 10:37	11/23/25 07:00	1
1,4-Difluorobenzene (Surr)	76		70 - 130				11/18/25 10:37	11/23/25 07:00	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			11/23/25 07:00	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			11/19/25 07:07	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		11/18/25 08:27	11/19/25 07:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/18/25 08:27	11/19/25 07:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-3

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/18/25 08:27	11/19/25 07:07	1
Surrogate									
1-Chlorooctane (Surr)	120		70 - 130				11/18/25 08:27	11/19/25 07:07	1
o-Terphenyl (Surr)	110		70 - 130				11/18/25 08:27	11/19/25 07:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	127		9.92		mg/Kg			11/18/25 20:13	1

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

Lab Sample ID: 880-65031-4

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 07:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/18/25 10:37	11/23/25 07:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/18/25 10:37	11/23/25 07:20	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/18/25 10:37	11/23/25 07:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/18/25 10:37	11/23/25 07:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/18/25 10:37	11/23/25 07:20	1
Surrogate									
4-Bromofluorobenzene (Surr)	117		70 - 130				11/18/25 10:37	11/23/25 07:20	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/18/25 10:37	11/23/25 07:20	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			11/23/25 07:20	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			11/19/25 07:21	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		11/18/25 08:27	11/19/25 07:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 07:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 07:21	1
Surrogate									
1-Chlorooctane (Surr)	120		70 - 130				11/18/25 08:27	11/19/25 07:21	1
o-Terphenyl (Surr)	110		70 - 130				11/18/25 08:27	11/19/25 07:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			11/18/25 20:18	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-5

Matrix: Solid

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 07:40	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/18/25 10:37	11/23/25 07:40	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/18/25 10:37	11/23/25 07:40	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/18/25 10:37	11/23/25 07:40	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/18/25 10:37	11/23/25 07:40	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/18/25 10:37	11/23/25 07:40	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		91		70 - 130			11/18/25 10:37	11/23/25 07:40	1
1,4-Difluorobenzene (Surr)		86		70 - 130			11/18/25 10:37	11/23/25 07:40	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			11/23/25 07:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			11/19/25 07:36	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	<50.3	U	50.3		mg/Kg		11/18/25 08:27	11/19/25 07:36	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		11/18/25 08:27	11/19/25 07:36	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		11/18/25 08:27	11/19/25 07:36	1
Surrogate									
1-Chlorooctane (Surr)	234	S1+	70 - 130				11/18/25 08:27	11/19/25 07:36	1
o-Terphenyl (Surr)	216	S1+	70 - 130				11/18/25 08:27	11/19/25 07:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	61.1		9.94		mg/Kg			11/18/25 20:23	1

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

Lab Sample ID: 880-65031-6

Matrix: Solid

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 08:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 08:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 08:01	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/18/25 10:37	11/23/25 08:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 10:37	11/23/25 08:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/18/25 10:37	11/23/25 08:01	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		78		70 - 130			11/18/25 10:37	11/23/25 08:01	1
1,4-Difluorobenzene (Surr)		72		70 - 130			11/18/25 10:37	11/23/25 08:01	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-6

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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			11/23/25 08:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			11/19/25 07:50	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		11/18/25 08:27	11/19/25 07:50	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		11/18/25 08:27	11/19/25 07:50	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		11/18/25 08:27	11/19/25 07:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				11/18/25 08:27	11/19/25 07:50	1
<i>o</i> -Terphenyl (Surr)	109		70 - 130				11/18/25 08:27	11/19/25 07:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.2		9.96		mg/Kg			11/18/25 20:29	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-65031-7

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/18/25 10:37	11/23/25 08:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 08:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 08:21	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/18/25 10:37	11/23/25 08:21	1
<i>o</i> -Xylene	<0.00201	U	0.00201		mg/Kg		11/18/25 10:37	11/23/25 08:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/18/25 10:37	11/23/25 08:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				11/18/25 10:37	11/23/25 08:21	1
1,4-Difluorobenzene (Surr)	103		70 - 130				11/18/25 10:37	11/23/25 08:21	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			11/23/25 08:21	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			11/19/25 08:04	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		11/18/25 08:27	11/19/25 08:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 08:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-65031-7

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/18/25 08:27	11/19/25 08:04	1
Surrogate									
1-Chlorooctane (Surr)	117		70 - 130				11/18/25 08:27	11/19/25 08:04	1
o-Terphenyl (Surr)	108		70 - 130				11/18/25 08:27	11/19/25 08:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		9.92		mg/Kg			11/18/25 20:44	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-65031-1

Project/Site: Corvo Federal 3H (10.21.25)

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 (70-130)	DFBZ1 (70-130)										
880-64947-A-1-E MS	Matrix Spike	112	102										
880-64947-A-1-F MSD	Matrix Spike Duplicate	120	103										
880-65031-1	H-1 (0-0.5')	110	101										
880-65031-2	H-2 (0-0.5')	114	102										
880-65031-3	H-3 (0-0.5')	78	76										
880-65031-4	H-4 (0-0.5')	117	107										
880-65031-5	H-5 (0-0.5')	91	86										
880-65031-6	H-6 (0-0.5')	78	72										
880-65031-7	H-7 (0-0.5')	112	103										
LCS 880-124306/1-A	Lab Control Sample	109	102										
LCSD 880-124306/2-A	Lab Control Sample Dup	108	104										
MB 880-124305/5-A	Method Blank	109	103										
MB 880-124306/5-A	Method Blank	108	98										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
880-65031-1	H-1 (0-0.5')	125	113										
880-65031-1 MS	H-1 (0-0.5')	124	104										
880-65031-1 MSD	H-1 (0-0.5')	126	106										
880-65031-2	H-2 (0-0.5')	117	107										
880-65031-3	H-3 (0-0.5')	120	110										
880-65031-4	H-4 (0-0.5')	120	110										
880-65031-5	H-5 (0-0.5')	234 S1+	216 S1+										
880-65031-6	H-6 (0-0.5')	119	109										
880-65031-7	H-7 (0-0.5')	117	108										
LCS 880-124272/2-A	Lab Control Sample	29 S1-	18 S1-										
LCSD 880-124272/3-A	Lab Control Sample Dup	28 S1-	14 S1-										
MB 880-124272/1-A	Method Blank	109	102										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124305/5-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124305

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Benzene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Toluene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Ethylbenzene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
m,p-Xylenes	<0.00400	U	0.00400		0.00400		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
o-Xylene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Xylenes, Total	<0.00400	U	0.00400		0.00400		mg/Kg		11/18/25 10:32	11/22/25 13:22	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	109		70 - 130						11/18/25 10:32	11/22/25 13:22	1
1,4-Difluorobenzene (Surr)	103		70 - 130						11/18/25 10:32	11/22/25 13:22	1

Lab Sample ID: MB 880-124306/5-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124306

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Benzene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Toluene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Ethylbenzene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
m,p-Xylenes	<0.00400	U	0.00400		0.00400		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
o-Xylene	<0.00200	U	0.00200		0.00200		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Xylenes, Total	<0.00400	U	0.00400		0.00400		mg/Kg		11/18/25 10:37	11/23/25 00:18	1
Surrogate	MB	MB	%Recovery	Qualifier	Limits			D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	108		70 - 130						11/18/25 10:37	11/23/25 00:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130						11/18/25 10:37	11/23/25 00:18	1

Lab Sample ID: LCS 880-124306/1-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Spike	LCS		Unit	D	%Rec		Limits
		Added	Result			Qualifier	%Rec	
Benzene		0.100	0.08752	mg/Kg			88	70 - 130
Toluene		0.100	0.09103	mg/Kg			91	70 - 130
Ethylbenzene		0.100	0.09474	mg/Kg			95	70 - 130
m,p-Xylenes		0.200	0.1911	mg/Kg			96	70 - 130
o-Xylene		0.100	0.1014	mg/Kg			101	70 - 130
Surrogate	LCS	LCS	%Recovery	Unit	D	%Rec	Limits	
	Result	Qualifier	Qualifier					
4-Bromofluorobenzene (Surr)	109		70 - 130					
1,4-Difluorobenzene (Surr)	102		70 - 130					

Lab Sample ID: LCSD 880-124306/2-A

Matrix: Solid

Analysis Batch: 124786

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124306

Analyte	Spike	LCSD		Unit	D	%Rec		RPD
		Added	Result			Qualifier	%Rec	
Benzene		0.100	0.09132	mg/Kg			91	70 - 130

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QC Sample Results

Client: Carmona Resources

Job ID: 880-65031-1

Project/Site: Corvo Federal 3H (10.21.25)

SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-124306/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124786

Prep Batch: 124306

Analyte	Spike Added	LCSD		Unit	D	%Rec	Limits	RPD	RPD Limit
		Result	Qualifier						
Toluene	0.100	0.09373		mg/Kg		94	70 - 130	3	35
Ethylbenzene	0.100	0.09789		mg/Kg		98	70 - 130	3	35
m,p-Xylenes	0.200	0.1977		mg/Kg		99	70 - 130	3	35
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130	2	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-64947-A-1-E MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124786

Prep Batch: 124306

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzene	<0.00200	U	0.100	0.09655		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.09042		mg/Kg		90	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09072		mg/Kg		91	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1793		mg/Kg		90	70 - 130
o-Xylene	<0.00200	U	0.100	0.09289		mg/Kg		93	70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-64947-A-1-F MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124786

Prep Batch: 124306

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09698		mg/Kg		97	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.09375		mg/Kg		94	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09512		mg/Kg		95	70 - 130	5	35
m,p-Xylenes	<0.00399	U	0.200	0.1906		mg/Kg		95	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.09757		mg/Kg		98	70 - 130	5	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-124272/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/18/25 08:26	11/19/25 05:26	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-124272/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:26	11/19/25 05:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:26	11/19/25 05:26	1
MB MB									
Surrogate	%Recovery		Qualifier	Limits		D	Prepared	Analyzed	Dil Fac
	109			70 - 130			11/18/25 08:26	11/19/25 05:26	1
o-Terphenyl (Surr)	102			70 - 130			11/18/25 08:26	11/19/25 05:26	1

Lab Sample ID: LCS 880-124272/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	
	Added	Result					%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10		1000	787.7		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)		1000	924.6		mg/Kg		92	70 - 130
LCS LCS								
Surrogate	%Recovery		Qualifier	Limits		D	%Rec	
	29		S1-	70 - 130				
o-Terphenyl (Surr)	18			70 - 130				

Lab Sample ID: LCSD 880-124272/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	Spike		LCSD Result	LCSD Qualifier	Unit	D	%Rec		RPD
	Added	Result					%Rec	Limits	RPD
Gasoline Range Organics (GRO)-C6-C10		1000	768.0		mg/Kg		77	70 - 130	3
Diesel Range Organics (Over C10-C28)		1000	930.2		mg/Kg		93	70 - 130	1
LCSD LCSD									
Surrogate	%Recovery		Qualifier	Limits		D	%Rec		Limit
	28		S1-	70 - 130					20
o-Terphenyl (Surr)	14			70 - 130					

Lab Sample ID: 880-65031-1 MS

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	Sample		Spike	MS		Unit	D	%Rec	
	Result	Qualifier		Added	Result			%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	995		620.1	F1		62	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	995		691.4	F1		69	70 - 130
MS MS									
Surrogate	%Recovery		Qualifier	Limits		D	%Rec		
	124			70 - 130					
o-Terphenyl (Surr)	104			70 - 130					

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-1 MSD Matrix: Solid Analysis Batch: 124283										Client Sample ID: H-1 (0-0.5') Prep Type: Total/NA Prep Batch: 124272			
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	995	638.4	F1	mg/Kg		64	70 - 130	3		20	
Diesel Range Organics (Over C10-C28)	<49.8	U F1	995	718.1		mg/Kg		72	70 - 130	4		20	
Surrogate	MSD %Recovery	MSD Qualifier	Limits										
1-Chlorooctane (Surr)	126		70 - 130										
<i>o</i> -Terphenyl (Surr)	106		70 - 130										

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-124246/1-A Matrix: Solid Analysis Batch: 124322										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			11/18/25 18:59					1

Lab Sample ID: LCS 880-124246/2-A Matrix: Solid Analysis Batch: 124322										Client Sample ID: Lab Control Sample Prep Type: Soluble			
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits						
Chloride	250	238.2		mg/Kg		95	90 - 110						

Lab Sample ID: LCSD 880-124246/3-A Matrix: Solid Analysis Batch: 124322										Client Sample ID: Lab Control Sample Dup Prep Type: Soluble			
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits			RPD	RPD	Limit	
Chloride	250	241.9		mg/Kg		97	90 - 110			2		20	

Lab Sample ID: 880-65031-6 MS Matrix: Solid Analysis Batch: 124322										Client Sample ID: H-6 (0-0.5') Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits				
Chloride	66.2		249	320.5		mg/Kg		102	90 - 110				

Lab Sample ID: 880-65031-6 MSD Matrix: Solid Analysis Batch: 124322										Client Sample ID: H-6 (0-0.5') Prep Type: Soluble			
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD	Limit	
Chloride	66.2		249	322.2		mg/Kg		103	90 - 110	1		20	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 124305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124305/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 124306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-65031-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-65031-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-65031-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-65031-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-65031-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-65031-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-124306/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124306/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124306/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64947-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-64947-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 124786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Total/NA	Solid	8021B	124306
880-65031-2	H-2 (0-0.5')	Total/NA	Solid	8021B	124306
880-65031-3	H-3 (0-0.5')	Total/NA	Solid	8021B	124306
880-65031-4	H-4 (0-0.5')	Total/NA	Solid	8021B	124306
880-65031-5	H-5 (0-0.5')	Total/NA	Solid	8021B	124306
880-65031-6	H-6 (0-0.5')	Total/NA	Solid	8021B	124306
880-65031-7	H-7 (0-0.5')	Total/NA	Solid	8021B	124306
MB 880-124305/5-A	Method Blank	Total/NA	Solid	8021B	124305
MB 880-124306/5-A	Method Blank	Total/NA	Solid	8021B	124306
LCS 880-124306/1-A	Lab Control Sample	Total/NA	Solid	8021B	124306
LCSD 880-124306/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124306
880-64947-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	124306
880-64947-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124306

Analysis Batch: 124890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-65031-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-65031-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-65031-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-65031-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-65031-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-65031-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 124272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-65031-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-65031-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-65031-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 124272 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-65031-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-65031-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-124272/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124272/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124272/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65031-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-65031-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	124272
MB 880-124272/1-A	Method Blank	Total/NA	Solid	8015B NM	124272
LCS 880-124272/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124272
LCSD 880-124272/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124272
880-65031-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	124272
880-65031-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	124272

Analysis Batch: 124570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-65031-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-65031-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-65031-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-65031-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-65031-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-65031-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 124246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-124246/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124246/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124246/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65031-6 MS	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-65031-6 MSD	H-6 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

HPLC/IC**Analysis Batch: 124322**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65031-1	H-1 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-2	H-2 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-3	H-3 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-4	H-4 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-5	H-5 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-6	H-6 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-7	H-7 (0-0.5')	Soluble	Solid	300.0	124246
MB 880-124246/1-A	Method Blank	Soluble	Solid	300.0	124246
LCS 880-124246/2-A	Lab Control Sample	Soluble	Solid	300.0	124246
LCSD 880-124246/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124246
880-65031-6 MS	H-6 (0-0.5')	Soluble	Solid	300.0	124246
880-65031-6 MSD	H-6 (0-0.5')	Soluble	Solid	300.0	124246

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Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65031-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 06:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 06:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			124570	11/19/25 06:09	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 06:09	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:02	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65031-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 06:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 06:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			124570	11/19/25 06:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 06:52	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:08	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65031-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 07:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 07:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			124570	11/19/25 07:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 07:07	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:13	CS	EET MID

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65031-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 07:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 07:20	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-4

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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			124570	11/19/25 07:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 07:21	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:18	CS	EET MID

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

Lab Sample ID: 880-65031-5

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 07:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 07:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			124570	11/19/25 07:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 07:36	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:23	CS	EET MID

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

Lab Sample ID: 880-65031-6

Matrix: Solid

Date Received: 11/14/25 16:55

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	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 08:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 08:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			124570	11/19/25 07:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 07:50	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:29	CS	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-65031-7

Matrix: Solid

Date Received: 11/14/25 16:55

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	124306	11/18/25 10:37	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124786	11/23/25 08:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124890	11/23/25 08:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			124570	11/19/25 08:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 08:04	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 SDG: Lea County, New Mexico

Client Sample ID: H-7 (0-0.5')**Lab Sample ID: 880-65031-7**

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:44	CS	EET MID

Laboratory References:

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

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Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-65031-1

Project/Site: Corvo Federal 3H (10.21.25)

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

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Eurofins Midland

Method Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1
 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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65031-1

SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-65031-1	H-1 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65031-2	H-2 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65031-3	H-3 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65031-4	H-4 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65031-5	H-5 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65031-6	H-6 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico
880-65031-7	H-7 (0-0.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico

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Eurofins Midland



380-65031: Chain of Custody

Chain of Custody

Project Manager: Conner Moehring		Bill to: (if different) Carmona Resources		ANALYSIS REQUEST																	
Company Name: Carmona Resources		Company Name: Carmona Resources		Preservative Codes																	
Address: 310 W Wall St Ste 500	Address:			<input type="checkbox"/> Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> <input type="checkbox"/> State of Project: Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADA/PT <input type="checkbox"/> Other:																	
City, State ZIP: Midland, TX 79701	Phone: 432-813-6823	Email: mcarmona@carmonaresources.com																			
Project Name: Corvo Federal 3H (10.21.25)		Turn Around																			
Project Number: 3052		<input type="checkbox"/> Routine <input type="checkbox"/> Rush																			
Project Location: Lea County, New Mexico		Due Date: Standard TAT																			
Sampler's Name: JR																					
PO #:																					
SAMPLE RECEIPT		Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
Received Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID: <input checked="" type="checkbox"/> TRS																			
Cooler Custody Seals: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor: <input checked="" type="checkbox"/> 0.18																			
Sample Custody Seals: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Reading: <input checked="" type="checkbox"/> -0.05																			
Total Containers: 1		Corrected Temperature: -0.05																			
Sample Identification		Date	Time	Soil		Water	Grab/ Comp	# of Cont		Sample Comments											
H-1 (0-0.5')		1/1/2025		X		G	1	X													
H-2 (0-0.5')		1/1/2025		X		G	1	X													
H-3 (0-0.5')		1/1/2025		X		G	1	X													
H-4 (0-0.5')		1/1/2025		X		G	1	X													
H-5 (0-0.5')		1/1/2025		X		G	1	X													
H-6 (0-0.5')		1/1/2025		X		G	1	X													
H-7 (0-0.5')		1/1/2025		X		G	1	X													

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/14/25		1/14/25 16:55

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-65031-1
SDG Number: Lea County, New Mexico**Login Number: 65031****List Source: Eurofins Midland****List Number: 1****Creator: Vasquez, Julisa**

Question	Answer	Comment	
The cooler's custody seal, if present, is intact.	N/A		1
Sample custody seals, if present, are intact.	N/A		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the containers received and the COC.	True		11
Samples are received within Holding Time (excluding tests with immediate HTs)	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		
Appropriate sample containers are used.	True		
Sample bottles are completely filled.	True		
Sample Preservation Verified.	N/A		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mike Carmona
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 11/24/2025 3:35:20 PM

JOB DESCRIPTION

Corvo Federal 3H (10.21.25)
Lea County, New Mexico

JOB NUMBER

880-65033-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 2/2/2026 10:06:46 AM

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
11/24/2025 3:35:20 PM

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

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Laboratory Job ID: 880-65033-1
 SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
SDG: Lea 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
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
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: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1

Job ID: 880-65033-1**Eurofins Midland**

Job Narrative 880-65033-1

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 11/14/2025 4:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -0.9°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-124391 and 880-124393 and analytical batch 880-124615 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-65033-1), S-2 (3') (880-65033-9), S-3 (3') (880-65033-14) and S-3 (4') (880-65033-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124391 and analytical batch 880-124615 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-124277 and analytical batch 880-124273 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-124277/2-A), (LCSD 880-124277/3-A) and (MB 880-124277/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124272 and analytical batch 880-124283 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: CCV was biased low for gasoline range hydrocarbons. Another CCV was analyzed and acceptable within the 12 hour window; therefore the data was qualified and reported.

(CCV 880-124283/86)

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-124272/2-A) and (LCSD 880-124272/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1

Job ID: 880-65033-1 (Continued)**Eurofins Midland**

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (0-1')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-1
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		11/19/25 09:45	11/23/25 22:47	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/19/25 09:45	11/23/25 22:47	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/19/25 09:45	11/23/25 22:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/19/25 09:45	11/23/25 22:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/23/25 22:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/19/25 09:45	11/23/25 22:47	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		141	S1+	70 - 130			11/19/25 09:45	11/23/25 22:47	1
1,4-Difluorobenzene (Surr)		116		70 - 130			11/19/25 09:45	11/23/25 22:47	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			11/23/25 22:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/19/25 08:18	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	<49.6	U	49.6		mg/Kg		11/18/25 08:27	11/19/25 08:18	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/18/25 08:27	11/19/25 08:18	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		11/18/25 08:27	11/19/25 08:18	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)			120	70 - 130			11/18/25 08:27	11/19/25 08:18	1
o-Terphenyl (Surr)			112	70 - 130			11/18/25 08:27	11/19/25 08:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	185		9.94		mg/Kg			11/18/25 20:50	1

Client Sample ID: S-1 (1.5')**Lab Sample ID: 880-65033-2**

Date Collected: 11/11/25 00:00

Matrix: Solid

Date Received: 11/14/25 16:55

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		11/19/25 09:45	11/23/25 23:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/23/25 23:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/23/25 23:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/19/25 09:45	11/23/25 23:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/23/25 23:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/19/25 09:45	11/23/25 23:08	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		129		70 - 130			11/19/25 09:45	11/23/25 23:08	1
1,4-Difluorobenzene (Surr)		114		70 - 130			11/19/25 09:45	11/23/25 23:08	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (1.5')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-2
 Matrix: Solid

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			11/23/25 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/19/25 08:32	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		11/18/25 08:27	11/19/25 08:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 08:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 08:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				11/18/25 08:27	11/19/25 08:32	1
<i>o</i> -Terphenyl (Surr)	110		70 - 130				11/18/25 08:27	11/19/25 08:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1130		9.98		mg/Kg			11/18/25 21:05	1

Client Sample ID: S-1 (2')

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-3
 Matrix: Solid

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		11/19/25 09:45	11/23/25 23:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/23/25 23:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/23/25 23:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/19/25 09:45	11/23/25 23:28	1
<i>o</i> -Xylene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/23/25 23:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/19/25 09:45	11/23/25 23:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				11/19/25 09:45	11/23/25 23:28	1
1,4-Difluorobenzene (Surr)	113		70 - 130				11/19/25 09:45	11/23/25 23:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/23/25 23:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			11/19/25 08:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		11/18/25 08:27	11/19/25 08:47	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		11/18/25 08:27	11/19/25 08:47	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (2')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-3
 Matrix: Solid

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)	<49.6	U	49.6		mg/Kg		11/18/25 08:27	11/19/25 08:47	1
Surrogate									
1-Chlorooctane (Surr)	117		70 - 130				11/18/25 08:27	11/19/25 08:47	1
o-Terphenyl (Surr)	110		70 - 130				11/18/25 08:27	11/19/25 08:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.1		10.0		mg/Kg			11/18/25 21:11	1

Client Sample ID: S-1 (3')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-4
 Matrix: Solid

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		11/19/25 09:45	11/23/25 23:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/23/25 23:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/23/25 23:49	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/19/25 09:45	11/23/25 23:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/23/25 23:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/19/25 09:45	11/23/25 23:49	1
Surrogate									
4-Bromofluorobenzene (Surr)	112		70 - 130				11/19/25 09:45	11/23/25 23:49	1
1,4-Difluorobenzene (Surr)	112		70 - 130				11/19/25 09:45	11/23/25 23:49	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			11/23/25 23:49	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			11/19/25 09:16	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		11/18/25 08:27	11/19/25 09:16	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		11/18/25 08:27	11/19/25 09:16	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		11/18/25 08:27	11/19/25 09:16	1
Surrogate									
1-Chlorooctane (Surr)	117		70 - 130				11/18/25 08:27	11/19/25 09:16	1
o-Terphenyl (Surr)	109		70 - 130				11/18/25 08:27	11/19/25 09:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	266		10.1		mg/Kg			11/18/25 21:16	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (4')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-5
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 00:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 00:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 00:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/19/25 09:45	11/24/25 00:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 00:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/19/25 09:45	11/24/25 00:09	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		113		70 - 130			11/19/25 09:45	11/24/25 00:09	1
1,4-Difluorobenzene (Surr)		116		70 - 130			11/19/25 09:45	11/24/25 00:09	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			11/24/25 00:09	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			11/19/25 09:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 09:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 09:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 09:30	1
Surrogate									
1-Chlorooctane (Surr)		114	70 - 130				11/18/25 08:27	11/19/25 09:30	1
o-Terphenyl (Surr)		105	70 - 130				11/18/25 08:27	11/19/25 09:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	318		9.94		mg/Kg			11/18/25 21:21	1

Client Sample ID: S-2 (0-1')**Lab Sample ID: 880-65033-6**

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Matrix: Solid

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		11/19/25 09:45	11/24/25 00:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/19/25 09:45	11/24/25 00:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/19/25 09:45	11/24/25 00:30	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/19/25 09:45	11/24/25 00:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/19/25 09:45	11/24/25 00:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/19/25 09:45	11/24/25 00:30	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		118		70 - 130			11/19/25 09:45	11/24/25 00:30	1
1,4-Difluorobenzene (Surr)		108		70 - 130			11/19/25 09:45	11/24/25 00:30	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (0-1')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-6
 Matrix: Solid

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			11/24/25 00:30	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			11/19/25 09:45	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		11/18/25 08:27	11/19/25 09:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/18/25 08:27	11/19/25 09:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/18/25 08:27	11/19/25 09:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				11/18/25 08:27	11/19/25 09:45	1
<i>o</i> -Terphenyl (Surr)	113		70 - 130				11/18/25 08:27	11/19/25 09:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	154		9.92		mg/Kg			11/18/25 21:26	1

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-65033-7
 Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/19/25 09:45	11/24/25 00:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/24/25 00:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/24/25 00:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/19/25 09:45	11/24/25 00:50	1
<i>o</i> -Xylene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/24/25 00:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/19/25 09:45	11/24/25 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				11/19/25 09:45	11/24/25 00:50	1
1,4-Difluorobenzene (Surr)	119		70 - 130				11/19/25 09:45	11/24/25 00:50	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			11/24/25 00:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/19/25 09:59	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	<49.7	U	49.7		mg/Kg		11/18/25 08:27	11/19/25 09:59	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/18/25 08:27	11/19/25 09:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-7
 Matrix: Solid

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)	<49.7	U	49.7		mg/Kg		11/18/25 08:27	11/19/25 09:59	1
Surrogate									
1-Chlorooctane (Surr)	114		70 - 130				11/18/25 08:27	11/19/25 09:59	1
o-Terphenyl (Surr)	106		70 - 130				11/18/25 08:27	11/19/25 09:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.9		9.98		mg/Kg			11/18/25 21:32	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-65033-8
 Matrix: Solid

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

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		11/19/25 09:45	11/24/25 01:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 01:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 01:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/19/25 09:45	11/24/25 01:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 01:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/19/25 09:45	11/24/25 01:11	1
Surrogate									
4-Bromofluorobenzene (Surr)	118		70 - 130				11/19/25 09:45	11/24/25 01:11	1
1,4-Difluorobenzene (Surr)	112		70 - 130				11/19/25 09:45	11/24/25 01:11	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			11/24/25 01:11	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			11/19/25 10:13	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		11/18/25 08:27	11/19/25 10:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 10:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 10:13	1
Surrogate									
1-Chlorooctane (Surr)	115		70 - 130				11/18/25 08:27	11/19/25 10:13	1
o-Terphenyl (Surr)	107		70 - 130				11/18/25 08:27	11/19/25 10:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.5		9.94		mg/Kg			11/18/25 21:37	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (3')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-9
 Matrix: Solid

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		11/19/25 09:45	11/24/25 01:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/24/25 01:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/24/25 01:31	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/19/25 09:45	11/24/25 01:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/24/25 01:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/19/25 09:45	11/24/25 01:31	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		377	S1+	70 - 130			11/19/25 09:45	11/24/25 01:31	1
1,4-Difluorobenzene (Surr)		80		70 - 130			11/19/25 09:45	11/24/25 01:31	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			11/24/25 01:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/19/25 10:27	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	<49.7	U	49.7		mg/Kg		11/18/25 08:27	11/19/25 10:27	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/18/25 08:27	11/19/25 10:27	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/18/25 08:27	11/19/25 10:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				11/18/25 08:27	11/19/25 10:27	1
o-Terphenyl (Surr)	108		70 - 130				11/18/25 08:27	11/19/25 10:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.2		10.1		mg/Kg			11/18/25 18:30	1

Client Sample ID: S-2 (4')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-10
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 01:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 01:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 01:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/19/25 09:45	11/24/25 01:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/19/25 09:45	11/24/25 01:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/19/25 09:45	11/24/25 01:52	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		117		70 - 130			11/19/25 09:45	11/24/25 01:52	1
1,4-Difluorobenzene (Surr)		110		70 - 130			11/19/25 09:45	11/24/25 01:52	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (4')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-10
 Matrix: Solid

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			11/24/25 01:52	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			11/19/25 10:42	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	<50.1	U	50.1		mg/Kg			11/19/25 10:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg			11/19/25 10:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg			11/19/25 10:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				11/18/25 08:27	11/19/25 10:42	1
<i>o</i> -Terphenyl (Surr)	103		70 - 130				11/18/25 08:27	11/19/25 10:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.8		10.0		mg/Kg			11/18/25 18:48	1

Client Sample ID: S-3 (0-1')**Lab Sample ID: 880-65033-11**

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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			11/24/25 03:42	1
Toluene	<0.00201	U	0.00201		mg/Kg			11/24/25 03:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg			11/24/25 03:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg			11/24/25 03:42	1
<i>o</i> -Xylene	<0.00201	U	0.00201		mg/Kg			11/24/25 03:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg			11/24/25 03:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				11/19/25 09:45	11/24/25 03:42	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/19/25 09:45	11/24/25 03:42	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			11/24/25 03:42	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			11/19/25 10:58	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			11/19/25 10:58	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg			11/19/25 10:58	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (0-1')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-11
 Matrix: Solid

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)	<50.4	U	50.4		mg/Kg		11/18/25 08:27	11/19/25 10:58	1
Surrogate									
1-Chlorooctane (Surr)	119		70 - 130				11/18/25 08:27	11/19/25 10:58	1
o-Terphenyl (Surr)	110		70 - 130				11/18/25 08:27	11/19/25 10:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			11/18/25 18:54	1

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-65033-12
 Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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		11/19/25 09:45	11/24/25 04:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/24/25 04:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/24/25 04:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/19/25 09:45	11/24/25 04:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/19/25 09:45	11/24/25 04:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/19/25 09:45	11/24/25 04:02	1
Surrogate									
4-Bromofluorobenzene (Surr)	113		70 - 130				11/19/25 09:45	11/24/25 04:02	1
1,4-Difluorobenzene (Surr)	113		70 - 130				11/19/25 09:45	11/24/25 04:02	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			11/24/25 04:02	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			11/19/25 11:12	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		11/18/25 08:27	11/19/25 11:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 11:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 11:12	1
Surrogate									
1-Chlorooctane (Surr)	113		70 - 130				11/18/25 08:27	11/19/25 11:12	1
o-Terphenyl (Surr)	105		70 - 130				11/18/25 08:27	11/19/25 11:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		9.98		mg/Kg			11/18/25 18:59	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (2')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-13
 Matrix: Solid

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		11/19/25 09:45	11/24/25 04:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/24/25 04:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/24/25 04:23	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/19/25 09:45	11/24/25 04:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/19/25 09:45	11/24/25 04:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/19/25 09:45	11/24/25 04:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				11/19/25 09:45	11/24/25 04:23	1
1,4-Difluorobenzene (Surr)	107		70 - 130				11/19/25 09:45	11/24/25 04:23	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			11/24/25 04:23	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			11/19/25 11:26	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		11/18/25 08:27	11/19/25 11:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 11:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:27	11/19/25 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				11/18/25 08:27	11/19/25 11:26	1
o-Terphenyl (Surr)	106		70 - 130				11/18/25 08:27	11/19/25 11:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		9.94		mg/Kg			11/18/25 19:05	1

Client Sample ID: S-3 (3')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-14
 Matrix: Solid

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		11/19/25 09:45	11/24/25 04:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 04:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 04:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/19/25 09:45	11/24/25 04:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 04:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/19/25 09:45	11/24/25 04:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	404	S1+	70 - 130				11/19/25 09:45	11/24/25 04:43	1
1,4-Difluorobenzene (Surr)	74		70 - 130				11/19/25 09:45	11/24/25 04:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (3')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-14
 Matrix: Solid

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			11/24/25 04:43	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			11/18/25 20:07	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		11/18/25 08:36	11/18/25 20:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U *+ *1	49.8		mg/Kg		11/18/25 08:36	11/18/25 20:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/18/25 08:36	11/18/25 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				11/18/25 08:36	11/18/25 20:07	1
<i>o</i> -Terphenyl (Surr)	119		70 - 130				11/18/25 08:36	11/18/25 20:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			11/18/25 19:23	1

Client Sample ID: S-3 (4')

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-15
 Matrix: Solid

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		11/19/25 09:45	11/24/25 05:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 05:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 05:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/19/25 09:45	11/24/25 05:04	1
<i>o</i> -Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 09:45	11/24/25 05:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/19/25 09:45	11/24/25 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				11/19/25 09:45	11/24/25 05:04	1
1,4-Difluorobenzene (Surr)	110		70 - 130				11/19/25 09:45	11/24/25 05:04	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			11/24/25 05:04	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			11/18/25 21:06	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	<50.1	U	50.1		mg/Kg		11/18/25 08:36	11/18/25 21:06	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+ *1	50.1		mg/Kg		11/18/25 08:36	11/18/25 21:06	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (4')
 Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-15
 Matrix: Solid

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		11/18/25 08:36	11/18/25 21:06	1
Surrogate									
1-Chlorooctane (Surr)	110		70 - 130				11/18/25 08:36	11/18/25 21:06	1
o-Terphenyl (Surr)	124		70 - 130				11/18/25 08:36	11/18/25 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.0		9.92		mg/Kg			11/18/25 19:29	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-65033-1

Project/Site: Corvo Federal 3H (10.21.25)

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)
880-65033-1	S-1 (0-1')	141 S1+	116
880-65033-1 MS	S-1 (0-1')	107	103
880-65033-1 MSD	S-1 (0-1')	103	104
880-65033-2	S-1 (1.5')	129	114
880-65033-3	S-1 (2')	130	113
880-65033-4	S-1 (3')	112	112
880-65033-5	S-1 (4')	113	116
880-65033-6	S-2 (0-1')	118	108
880-65033-7	S-2 (1.5')	130	119
880-65033-8	S-2 (2')	118	112
880-65033-9	S-2 (3')	377 S1+	80
880-65033-10	S-2 (4')	117	110
880-65033-11	S-3 (0-1')	102	101
880-65033-12	S-3 (1.5')	113	113
880-65033-13	S-3 (2')	109	107
880-65033-14	S-3 (3')	404 S1+	74
880-65033-15	S-3 (4')	142 S1+	110
LCS 880-124391/1-A	Lab Control Sample	104	96
LCSD 880-124391/2-A	Lab Control Sample Dup	110	99
MB 880-124391/5-A	Method Blank	237 S1+	127
MB 880-124393/5-A	Method Blank	222 S1+	123

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-65031-A-1-C MS	Matrix Spike	124	104
880-65031-A-1-D MSD	Matrix Spike Duplicate	126	106
880-65033-1	S-1 (0-1')	120	112
880-65033-2	S-1 (1.5')	119	110
880-65033-3	S-1 (2')	117	110
880-65033-4	S-1 (3')	117	109
880-65033-5	S-1 (4')	114	105
880-65033-6	S-2 (0-1')	123	113
880-65033-7	S-2 (1.5')	114	106
880-65033-8	S-2 (2')	115	107
880-65033-9	S-2 (3')	115	108
880-65033-10	S-2 (4')	111	103
880-65033-11	S-3 (0-1')	119	110
880-65033-12	S-3 (1.5')	113	105
880-65033-13	S-3 (2')	112	106
880-65033-14	S-3 (3')	98	119
880-65033-14 MS	S-3 (3')	118	118
880-65033-14 MSD	S-3 (3')	120	122

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-65033-1

Project/Site: Corvo Federal 3H (10.21.25)

SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		4
		1CO1 (70-130)	OTPH1 (70-130)	
880-65033-15	S-3 (4')	110	124	5
LCS 880-124272/2-A	Lab Control Sample	29 S1-	18 S1-	6
LCS 880-124277/2-A	Lab Control Sample	145 S1+	144 S1+	7
LCSD 880-124272/3-A	Lab Control Sample Dup	28 S1-	14 S1-	8
LCSD 880-124277/3-A	Lab Control Sample Dup	169 S1+	189 S1+	9
MB 880-124272/1-A	Method Blank	109	102	10
MB 880-124277/1-A	Method Blank	141 S1+	176 S1+	11

Surrogate Legend

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124391/5-A

Matrix: Solid

Analysis Batch: 124615

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124391

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Benzene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:45	11/23/25 22:19	1			
Toluene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:45	11/23/25 22:19	1			
Ethylbenzene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:45	11/23/25 22:19	1			
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg	11/19/25 09:45	11/23/25 22:19	1			
o-Xylene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:45	11/23/25 22:19	1			
Xylenes, Total	<0.00400	U	0.00400		mg/Kg	11/19/25 09:45	11/23/25 22:19	1			
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	237	S1+	70 - 130		11/19/25 09:45	11/23/25 22:19	1				
1,4-Difluorobenzene (Surr)	127		70 - 130		11/19/25 09:45	11/23/25 22:19	1				

Lab Sample ID: LCS 880-124391/1-A

Matrix: Solid

Analysis Batch: 124615

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124391

Analyte	Spikes	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits		
	Added	Result	Qualifier								
Benzene	0.100	0.08340		mg/Kg	83	70 - 130					
Toluene	0.100	0.08180		mg/Kg	82	70 - 130					
Ethylbenzene	0.100	0.09638		mg/Kg	96	70 - 130					
m,p-Xylenes	0.200	0.1897		mg/Kg	95	70 - 130					
o-Xylene	0.100	0.09792		mg/Kg	98	70 - 130					
Surrogate	LCS	LCS	%Recovery	Qualifier	Limits						
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	96		70 - 130								

Lab Sample ID: LCSD 880-124391/2-A

Matrix: Solid

Analysis Batch: 124615

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124391

Analyte	Spikes	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier								
Benzene	0.100	0.1032		mg/Kg	103	70 - 130				21	35
Toluene	0.100	0.08914		mg/Kg	89	70 - 130				9	35
Ethylbenzene	0.100	0.1056		mg/Kg	106	70 - 130				9	35
m,p-Xylenes	0.200	0.2168		mg/Kg	108	70 - 130				13	35
o-Xylene	0.100	0.1051		mg/Kg	105	70 - 130				7	35
Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits						
	Result	Qualifier									
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	99		70 - 130								

Lab Sample ID: 880-65033-1 MS

Matrix: Solid

Analysis Batch: 124615

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

Prep Type: Total/NA

Prep Batch: 124391

Analyte	Sample	Sample	Spikes	MS Result	MS Qualifier	Unit	D	%Rec	Limits	
	Result	Qualifier	Added							
Benzene	<0.00200	U F1	0.100	0.06739	F1	mg/Kg	67	70 - 130		
Toluene	<0.00200	U F1	0.100	0.05689	F1	mg/Kg	57	70 - 130		

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QC Sample Results

Client: Carmona Resources

Job ID: 880-65033-1

Project/Site: Corvo Federal 3H (10.21.25)

SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65033-1 MS

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124615

Prep Batch: 124391

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.05891	F1	mg/Kg	59	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1478		mg/Kg	74	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08264		mg/Kg	83	70 - 130	
Surrogate		%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	107			70 - 130					
1,4-Difluorobenzene (Surr)	103			70 - 130					

Lab Sample ID: 880-65033-1 MSD

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

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124615

Prep Batch: 124391

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				
Benzene	<0.00200	U F1	0.100	0.08839		mg/Kg	88	70 - 130	27
Toluene	<0.00200	U F1	0.100	0.07122		mg/Kg	71	70 - 130	35
Ethylbenzene	<0.00200	U F1	0.100	0.06947	F1	mg/Kg	69	70 - 130	16
m,p-Xylenes	<0.00399	U	0.200	0.1488		mg/Kg	74	70 - 130	1
o-Xylene	<0.00200	U	0.100	0.08885		mg/Kg	89	70 - 130	35
Surrogate		%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	103			70 - 130					
1,4-Difluorobenzene (Surr)	104			70 - 130					

Lab Sample ID: MB 880-124393/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124615

Prep Batch: 124393

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:48	11/23/25 10:42		1
Toluene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:48	11/23/25 10:42		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:48	11/23/25 10:42		1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg	11/19/25 09:48	11/23/25 10:42		1
o-Xylene	<0.00200	U	0.00200		mg/Kg	11/19/25 09:48	11/23/25 10:42		1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg	11/19/25 09:48	11/23/25 10:42		1
Surrogate		%Recovery	Qualifier	Limits					
4-Bromofluorobenzene (Surr)	222	S1+	70 - 130			11/19/25 09:48	11/23/25 10:42		1
1,4-Difluorobenzene (Surr)	123		70 - 130			11/19/25 09:48	11/23/25 10:42		1

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

Lab Sample ID: MB 880-124272/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

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	11/18/25 08:26	11/19/25 05:26		1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-124272/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/18/25 08:26	11/19/25 05:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/18/25 08:26	11/19/25 05:26	1
MB MB									
Surrogate	%Recovery		Qualifier	Limits		D	Prepared		Dil Fac
	109			70 - 130			11/18/25 08:26		1
1-Chlorooctane (Surr)	102			70 - 130			11/18/25 08:26		
<i>o</i> -Terphenyl (Surr)							11/19/25 05:26		1

Lab Sample ID: LCS 880-124272/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	Spike		LCS	LCS	Unit	D	%Rec	
	Added	Result	Qualifier	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	787.7		79	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	924.6		92	70 - 130			
LCS LCS								
Surrogate	%Recovery		Limits		D	%Rec		RPD
	29		70 - 130			70 - 130		
1-Chlorooctane (Surr)	18		70 - 130					
<i>o</i> -Terphenyl (Surr)								

Lab Sample ID: LCSD 880-124272/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec		RPD
	Added	Result	Qualifier	%Rec	Limits				
Gasoline Range Organics (GRO)-C6-C10	1000	768.0		77	70 - 130				20
Diesel Range Organics (Over C10-C28)	1000	930.2		93	70 - 130			1	20
LCSD LCSD									
Surrogate	%Recovery		Limits		D	%Rec		RPD	Limit
	28		70 - 130			70 - 130			
1-Chlorooctane (Surr)	14		70 - 130						
<i>o</i> -Terphenyl (Surr)									

Lab Sample ID: 880-65031-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124283

Prep Batch: 124272

Analyte	Sample		Spike	MS	MS	Unit	D	%Rec	
	Result	Qualifier		Result	Qualifier			%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	995	620.1	F1	mg/Kg		62	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U F1	995	691.4	F1	mg/Kg		69	70 - 130
MS MS									
Surrogate	%Recovery		Limits		D	%Rec		RPD	Limit
	124		70 - 130			70 - 130			
1-Chlorooctane (Surr)	104		70 - 130						
<i>o</i> -Terphenyl (Surr)									

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65031-A-1-D MSD

Matrix: Solid

Analysis Batch: 124283

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 124272

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U F1	995	638.4	F1	mg/Kg	64	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.8	U F1	995	718.1		mg/Kg	72	70 - 130	4	20

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: MB 880-124277/1-A

Matrix: Solid

Analysis Batch: 124273

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 124277

Analyte	MB Result	MB Qualifier	MB RL	MB MDL	MB Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg	11/18/25 08:36	11/18/25 19:10		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg	11/18/25 08:36	11/18/25 19:10		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg	11/18/25 08:36	11/18/25 19:10		1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130	11/18/25 08:36	11/18/25 19:10	1
o-Terphenyl (Surr)	176	S1+	70 - 130	11/18/25 08:36	11/18/25 19:10	1

Lab Sample ID: LCS 880-124277/2-A

Matrix: Solid

Analysis Batch: 124273

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 124277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	1000	955.2		mg/Kg	96	96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1106		mg/Kg	111	111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1-Chlorooctane (Surr)	145	S1+	70 - 130
o-Terphenyl (Surr)	144	S1+	70 - 130

Lab Sample ID: LCSD 880-124277/3-A

Matrix: Solid

Analysis Batch: 124273

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 124277

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1102		mg/Kg	110	110	20
Diesel Range Organics (Over C10-C28)	1000	1408	*+ *1	mg/Kg	141	141	20

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QC Sample Results

Client: Carmona Resources

Job ID: 880-65033-1

Project/Site: Corvo Federal 3H (10.21.25)

SDG: Lea County, New Mexico

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

Lab Sample ID: LCSD 880-124277/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124273

Prep Batch: 124277

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	169	S1+	70 - 130
o-Terphenyl (Surr)	189	S1+	70 - 130

Lab Sample ID: 880-65033-14 MS

Client Sample ID: S-3 (3')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124273

Prep Batch: 124277

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	995	911.6		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.8	U *+ *1	995	801.4		mg/Kg		81	70 - 130	
Surrogate										
1-Chlorooctane (Surr)	118			70 - 130						
o-Terphenyl (Surr)	118			70 - 130						

Lab Sample ID: 880-65033-14 MSD

Client Sample ID: S-3 (3')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124273

Prep Batch: 124277

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	948.0		mg/Kg		95	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U *+ *1	1000	852.0		mg/Kg		85	70 - 130	6	20
Surrogate											
1-Chlorooctane (Surr)	120			70 - 130							
o-Terphenyl (Surr)	122			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-124246/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 124322

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			11/18/25 18:59	1

Lab Sample ID: LCS 880-124246/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 124322

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Chloride	250	238.2		mg/Kg		95	90 - 110

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-124246/3-A

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124322

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride		250	241.9		mg/Kg		97	90 - 110	2	20

Lab Sample ID: 880-65031-A-6-B MS

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.2		249	320.5		mg/Kg		102	90 - 110		

Lab Sample ID: 880-65031-A-6-C MSD

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	66.2		249	322.2		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-124248/1-A

Client Sample ID: Method Blank
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124323

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			11/18/25 18:13	1

Lab Sample ID: LCS 880-124248/2-A

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124323

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride		250	228.8		mg/Kg		92	90 - 110		

Lab Sample ID: LCSD 880-124248/3-A

Client Sample ID: Lab Control Sample Dup
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124323

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride		250	227.0		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-65033-9 MS

Client Sample ID: S-2 (3')
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124323

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	57.2		252	292.8		mg/Kg		94	90 - 110		

Lab Sample ID: 880-65033-9 MSD

Client Sample ID: S-2 (3')
 Prep Type: Soluble

Matrix: Solid

Analysis Batch: 124323

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.2		252	291.0		mg/Kg		93	90 - 110	1	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

GC VOA

Prep Batch: 124391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Total/NA	Solid	5035	1
880-65033-2	S-1 (1.5')	Total/NA	Solid	5035	2
880-65033-3	S-1 (2')	Total/NA	Solid	5035	3
880-65033-4	S-1 (3')	Total/NA	Solid	5035	4
880-65033-5	S-1 (4')	Total/NA	Solid	5035	5
880-65033-6	S-2 (0-1')	Total/NA	Solid	5035	6
880-65033-7	S-2 (1.5')	Total/NA	Solid	5035	7
880-65033-8	S-2 (2')	Total/NA	Solid	5035	8
880-65033-9	S-2 (3')	Total/NA	Solid	5035	9
880-65033-10	S-2 (4')	Total/NA	Solid	5035	10
880-65033-11	S-3 (0-1')	Total/NA	Solid	5035	11
880-65033-12	S-3 (1.5')	Total/NA	Solid	5035	12
880-65033-13	S-3 (2')	Total/NA	Solid	5035	13
880-65033-14	S-3 (3')	Total/NA	Solid	5035	14
880-65033-15	S-3 (4')	Total/NA	Solid	5035	
MB 880-124391/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124391/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124391/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-65033-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-65033-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 124393

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124393/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 124615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Total/NA	Solid	8021B	124391
880-65033-2	S-1 (1.5')	Total/NA	Solid	8021B	124391
880-65033-3	S-1 (2')	Total/NA	Solid	8021B	124391
880-65033-4	S-1 (3')	Total/NA	Solid	8021B	124391
880-65033-5	S-1 (4')	Total/NA	Solid	8021B	124391
880-65033-6	S-2 (0-1')	Total/NA	Solid	8021B	124391
880-65033-7	S-2 (1.5')	Total/NA	Solid	8021B	124391
880-65033-8	S-2 (2')	Total/NA	Solid	8021B	124391
880-65033-9	S-2 (3')	Total/NA	Solid	8021B	124391
880-65033-10	S-2 (4')	Total/NA	Solid	8021B	124391
880-65033-11	S-3 (0-1')	Total/NA	Solid	8021B	124391
880-65033-12	S-3 (1.5')	Total/NA	Solid	8021B	124391
880-65033-13	S-3 (2')	Total/NA	Solid	8021B	124391
880-65033-14	S-3 (3')	Total/NA	Solid	8021B	124391
880-65033-15	S-3 (4')	Total/NA	Solid	8021B	124391
MB 880-124391/5-A	Method Blank	Total/NA	Solid	8021B	124391
MB 880-124393/5-A	Method Blank	Total/NA	Solid	8021B	124393
LCS 880-124391/1-A	Lab Control Sample	Total/NA	Solid	8021B	124391
LCSD 880-124391/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124391
880-65033-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	124391
880-65033-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	124391

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 124928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	
880-65033-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-65033-3	S-1 (2')	Total/NA	Solid	Total BTEX	
880-65033-4	S-1 (3')	Total/NA	Solid	Total BTEX	
880-65033-5	S-1 (4')	Total/NA	Solid	Total BTEX	
880-65033-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-65033-7	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-65033-8	S-2 (2')	Total/NA	Solid	Total BTEX	
880-65033-9	S-2 (3')	Total/NA	Solid	Total BTEX	
880-65033-10	S-2 (4')	Total/NA	Solid	Total BTEX	
880-65033-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-65033-12	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-65033-13	S-3 (2')	Total/NA	Solid	Total BTEX	
880-65033-14	S-3 (3')	Total/NA	Solid	Total BTEX	
880-65033-15	S-3 (4')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 124272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-65033-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-65033-3	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-65033-4	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-65033-5	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-65033-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-65033-7	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-65033-8	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-65033-9	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-65033-10	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-65033-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-65033-12	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-65033-13	S-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-124272/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124272/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124272/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65031-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-65031-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-14	S-3 (3')	Total/NA	Solid	8015B NM	124277
880-65033-15	S-3 (4')	Total/NA	Solid	8015B NM	124277
MB 880-124277/1-A	Method Blank	Total/NA	Solid	8015B NM	124277
LCS 880-124277/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124277
LCSD 880-124277/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124277
880-65033-14 MS	S-3 (3')	Total/NA	Solid	8015B NM	124277
880-65033-14 MSD	S-3 (3')	Total/NA	Solid	8015B NM	124277

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

GC Semi VOA

Prep Batch: 124277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-14	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-65033-15	S-3 (4')	Total/NA	Solid	8015NM Prep	
MB 880-124277/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124277/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124277/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65033-14 MS	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-65033-14 MSD	S-3 (3')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Total/NA	Solid	8015B NM	124272
880-65033-2	S-1 (1.5')	Total/NA	Solid	8015B NM	124272
880-65033-3	S-1 (2')	Total/NA	Solid	8015B NM	124272
880-65033-4	S-1 (3')	Total/NA	Solid	8015B NM	124272
880-65033-5	S-1 (4')	Total/NA	Solid	8015B NM	124272
880-65033-6	S-2 (0-1')	Total/NA	Solid	8015B NM	124272
880-65033-7	S-2 (1.5')	Total/NA	Solid	8015B NM	124272
880-65033-8	S-2 (2')	Total/NA	Solid	8015B NM	124272
880-65033-9	S-2 (3')	Total/NA	Solid	8015B NM	124272
880-65033-10	S-2 (4')	Total/NA	Solid	8015B NM	124272
880-65033-11	S-3 (0-1')	Total/NA	Solid	8015B NM	124272
880-65033-12	S-3 (1.5')	Total/NA	Solid	8015B NM	124272
880-65033-13	S-3 (2')	Total/NA	Solid	8015B NM	124272
MB 880-124272/1-A	Method Blank	Total/NA	Solid	8015B NM	124272
LCS 880-124272/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124272
LCSD 880-124272/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124272
880-65031-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	124272
880-65031-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	124272

Analysis Batch: 124396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-65033-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-65033-3	S-1 (2')	Total/NA	Solid	8015 NM	
880-65033-4	S-1 (3')	Total/NA	Solid	8015 NM	
880-65033-5	S-1 (4')	Total/NA	Solid	8015 NM	
880-65033-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-65033-7	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-65033-8	S-2 (2')	Total/NA	Solid	8015 NM	
880-65033-9	S-2 (3')	Total/NA	Solid	8015 NM	
880-65033-10	S-2 (4')	Total/NA	Solid	8015 NM	
880-65033-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-65033-12	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-65033-13	S-3 (2')	Total/NA	Solid	8015 NM	
880-65033-14	S-3 (3')	Total/NA	Solid	8015 NM	
880-65033-15	S-3 (4')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

HPLC/IC

Leach Batch: 124246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-65033-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-65033-3	S-1 (2')	Soluble	Solid	DI Leach	
880-65033-4	S-1 (3')	Soluble	Solid	DI Leach	
880-65033-5	S-1 (4')	Soluble	Solid	DI Leach	
880-65033-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-65033-7	S-2 (1.5')	Soluble	Solid	DI Leach	
880-65033-8	S-2 (2')	Soluble	Solid	DI Leach	
MB 880-124246/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124246/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124246/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65031-A-6-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-65031-A-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 124248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-9	S-2 (3')	Soluble	Solid	DI Leach	
880-65033-10	S-2 (4')	Soluble	Solid	DI Leach	
880-65033-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-65033-12	S-3 (1.5')	Soluble	Solid	DI Leach	
880-65033-13	S-3 (2')	Soluble	Solid	DI Leach	
880-65033-14	S-3 (3')	Soluble	Solid	DI Leach	
880-65033-15	S-3 (4')	Soluble	Solid	DI Leach	
MB 880-124248/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124248/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124248/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65033-9 MS	S-2 (3')	Soluble	Solid	DI Leach	
880-65033-9 MSD	S-2 (3')	Soluble	Solid	DI Leach	

Analysis Batch: 124322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-1	S-1 (0-1')	Soluble	Solid	300.0	124246
880-65033-2	S-1 (1.5')	Soluble	Solid	300.0	124246
880-65033-3	S-1 (2')	Soluble	Solid	300.0	124246
880-65033-4	S-1 (3')	Soluble	Solid	300.0	124246
880-65033-5	S-1 (4')	Soluble	Solid	300.0	124246
880-65033-6	S-2 (0-1')	Soluble	Solid	300.0	124246
880-65033-7	S-2 (1.5')	Soluble	Solid	300.0	124246
880-65033-8	S-2 (2')	Soluble	Solid	300.0	124246
MB 880-124246/1-A	Method Blank	Soluble	Solid	300.0	124246
LCS 880-124246/2-A	Lab Control Sample	Soluble	Solid	300.0	124246
LCSD 880-124246/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124246
880-65031-A-6-B MS	Matrix Spike	Soluble	Solid	300.0	124246
880-65031-A-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	124246

Analysis Batch: 124323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-9	S-2 (3')	Soluble	Solid	300.0	124248
880-65033-10	S-2 (4')	Soluble	Solid	300.0	124248
880-65033-11	S-3 (0-1')	Soluble	Solid	300.0	124248
880-65033-12	S-3 (1.5')	Soluble	Solid	300.0	124248

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-65033-1

Project/Site: Corvo Federal 3H (10.21.25)

SDG: Lea County, New Mexico

HPLC/IC (Continued)**Analysis Batch: 124323 (Continued)**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65033-13	S-3 (2')	Soluble	Solid	300.0	124248
880-65033-14	S-3 (3')	Soluble	Solid	300.0	124248
880-65033-15	S-3 (4')	Soluble	Solid	300.0	124248
MB 880-124248/1-A	Method Blank	Soluble	Solid	300.0	124248
LCS 880-124248/2-A	Lab Control Sample	Soluble	Solid	300.0	124248
LCSD 880-124248/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124248
880-65033-9 MS	S-2 (3')	Soluble	Solid	300.0	124248
880-65033-9 MSD	S-2 (3')	Soluble	Solid	300.0	124248

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Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

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

Lab Sample ID: 880-65033-1

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/23/25 22:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/23/25 22:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 08:18	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 08:18	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 20:50	CS	EET MID

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-65033-2

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/23/25 23:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/23/25 23:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 08:32	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 08:32	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:05	CS	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-65033-3

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/23/25 23:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/23/25 23:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 08:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 08:47	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:11	CS	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-65033-4

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/23/25 23:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/23/25 23:49	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-1 (3')

Lab Sample ID: 880-65033-4

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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			124396	11/19/25 09:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 09:16	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:16	CS	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-65033-5

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 00:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 00:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 09:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 09:30	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:21	CS	EET MID

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

Lab Sample ID: 880-65033-6

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 00:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 09:45	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 09:45	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:26	CS	EET MID

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-65033-7

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 00:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 00:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 09:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 09:59	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-65033-7

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:32	CS	EET MID

Client Sample ID: S-2 (2')

Lab Sample ID: 880-65033-8

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 01:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 01:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 10:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 10:13	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124246	11/17/25 15:54	SA	EET MID
Soluble	Analysis	300.0		1			124322	11/18/25 21:37	CS	EET MID

Client Sample ID: S-2 (3')

Lab Sample ID: 880-65033-9

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 01:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 01:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 10:27	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 10:27	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 18:30	CS	EET MID

Client Sample ID: S-2 (4')

Lab Sample ID: 880-65033-10

Matrix: Solid

Date Collected: 11/11/25 00:00
 Date Received: 11/14/25 16:55

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	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 01:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 01:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 10:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 10:42	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 18:48	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

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

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 03:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 03:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 10:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 10:58	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 18:54	CS	EET MID

Client Sample ID: S-3 (1.5')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 04:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 04:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 11:12	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 11:12	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 18:59	CS	EET MID

Client Sample ID: S-3 (2')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 04:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 04:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/19/25 11:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124272	11/18/25 08:27	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124283	11/19/25 11:26	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 19:05	CS	EET MID

Client Sample ID: S-3 (3')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 04:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 04:43	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Client Sample ID: S-3 (3')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			124396	11/18/25 20:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124277	11/18/25 08:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124273	11/18/25 20:07	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 19:23	CS	EET MID

Client Sample ID: S-3 (4')

Date Collected: 11/11/25 00:00

Date Received: 11/14/25 16:55

Lab Sample ID: 880-65033-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	124391	11/19/25 09:45	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124615	11/24/25 05:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124928	11/24/25 05:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			124396	11/18/25 21:06	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	124277	11/18/25 08:36	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124273	11/18/25 21:06	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124248	11/17/25 15:56	SA	EET MID
Soluble	Analysis	300.0		1			124323	11/18/25 19:29	CS	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-65033-1

Project/Site: Corvo Federal 3H (10.21.25)

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

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Eurofins Midland

Method Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 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

Eurofins Midland

Sample Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.25)

Job ID: 880-65033-1
 SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin	
880-65033-1	S-1 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	1
880-65033-2	S-1 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	2
880-65033-3	S-1 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	3
880-65033-4	S-1 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	4
880-65033-5	S-1 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	5
880-65033-6	S-2 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	6
880-65033-7	S-2 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	7
880-65033-8	S-2 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	8
880-65033-9	S-2 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	9
880-65033-10	S-2 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	10
880-65033-11	S-3 (0-1')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	11
880-65033-12	S-3 (1.5')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	12
880-65033-13	S-3 (2')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	13
880-65033-14	S-3 (3')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	14
880-65033-15	S-3 (4')	Solid	11/11/25 00:00	11/14/25 16:55	New Mexico	

Eurofins Midland



880-65033 Chain of Custody

		Page <u>1</u> of <u>2</u>
Work Order Comments		
<input type="checkbox"/> Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/> <input type="checkbox"/> State of Project: <input type="checkbox"/> Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/> <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:		

ANALYSIS REQUEST										
TPH 8015M (GRO + DRQ + MRO) Chloride 300.0										
BTX 8021B										
Parameters										
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/>	Wet Ice:	<input checked="" type="checkbox"/>	Pres. Code	Standard TAT	Project Name:	Turn Around		
	No	No	No	100				None: NO	DI Water: H ₂ O	
Received Intact:	Thermometer ID:	100		MeOH: Me						
Cooler Custody Seals:	Correction Factor:	-0.8		HNO ₃ : HN						
Sample Custody Seals:	Temperature Reading:	-0.8		Zn Acetate+NaOH: Zn						
Total Containers:	Corrected Temperature:	-0.8		NaOH+Ascorbic Acid: SAFC						
Sample Comments										
Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont				
S-1 (0-1')	1/1/12025	X		G	1	X	X	X		
S-1 (1.5')	1/1/12025	X		G	1	X	X	X		
S-1 (2')	1/1/12025	X		G	1	X	X	X		
S-1 (3')	1/1/12025	X		G	1	X	X	X		
S-1 (4')	1/1/12025	X		G	1	X	X	X		
S-2 (0-1')	1/1/12025	X		G	1	X	X	X		
S-2 (1.5')	1/1/12025	X		G	1	X	X	X		
S-2 (2')	1/1/12025	X		G	1	X	X	X		
S-2 (3')	1/1/12025	X		G	1	X	X	X		
S-2(4')	1/1/12025	X		G	1	X	X	X		

Comments: Email to Mike Carmona / Mcarmonna@carmonaresources.com and Connor Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/14/25		1/14/25

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Chain of Custody

Work Order No:

Page	2	of	2
Work Order Comments			
<p>Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/></p> <p>State of Project:</p> <p>Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/></p> <p>Deliverables: EDD <input type="checkbox"/> ADA/PT <input type="checkbox"/> Other: _____</p>			

Project Manager:	Conner Moehring	Bill to: (if different)	Camrona Resources
Company Name:	Camrona 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:	mcarmonna@camronaresources.com

ANALYSIS REQUEST										Preservative Codes			
Project Name:	Corvo Federal 3H (10.21.25)									Turn Around			
Project Number:	3052									<input type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Location	Lea County, New Mexico									Due Date:	Standard TAT		
Sampler's Name:	JR												
PO #:													
SAMPLE RECEIPT		Temp Blank:		Yes		No		Wet Ice:		Yes		No	
Received Intact:	Yes	No	Thermometer ID:										
Cooler Custody Seals:	Yes	No	N/A		Correction Factor:								
Sample Custody Seals:	Yes	No	N/A		Temperature Reading:								
Total Containers:	Corrected Temperature:												
Sample Identification		Date	Time	Soil		Water		Grab Comp	# of Cont		Sample Comments		
S-3 (0-1')	11/11/2025		X					G	1	X	X		
S-3 (1.5')	11/11/2025		X					G	1	X	X		
S-3 (2')	11/11/2025		X					G	1	X	X		
S-3 (3')	11/11/2025		X					G	1	X	X		
S-3 (4')	11/11/2025		X					G	1	X	X		

Comments: Email to [Mike Carmona](mailto:Mike.Carmona@carmonaresources.com) / [Conner Moehring](mailto:Mcmoehring@carmonaresources.com) / Carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	1/14/15		1/11/25 16:55

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-65033-1
SDG Number: Lea County, New Mexico**Login Number: 65033****List Source: Eurofins Midland****List Number: 1****Creator: Vasquez, Julisa**

Question	Answer	Comment	
The cooler's custody seal, if present, is intact.	N/A		1
Sample custody seals, if present, are intact.	N/A		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the containers received and the COC.	True		11
Samples are received within Holding Time (excluding tests with immediate HTs)	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		
Appropriate sample containers are used.	True		
Sample bottles are completely filled.	True		
Sample Preservation Verified.	N/A		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 1/5/2026 2:33:01 PM

JOB DESCRIPTION

Corvo Federal 3H (10.21.2025)
3052

JOB NUMBER

890-9280-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.
Released to Imaging: 2/2/2026 10:06:46 AM

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



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Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
SDG: 3052

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

%	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: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1

Job ID: 890-9280-1**Eurofins Carlsbad**

Job Narrative 890-9280-1

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 12/23/2025 3:56 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 3.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (2) (890-9280-1), CS-2 (2) (890-9280-2), SW-1 (2) (890-9280-3), SW-2 (2) (890-9280-4), SW-3 (2) (890-9280-5) and SW-4 (2) (890-9280-6).

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-127969 and analytical batch 880-127950 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-9280-A-2-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (MB 880-127701/1-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-127697 and analytical batch 880-128056 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-128056 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:(CCV 880-128056/100), (CCV 880-128056/126) and (CCV 880-128056/127).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-127697/2-A) and (LCSD 880-127697/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-127697 and analytical batch 880-128056 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (890-9279-A-29-B MS) and (890-9279-A-29-C 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

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Case Narrative

Client: Carmona Resources
Project: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1

Job ID: 890-9280-1 (Continued)**Eurofins Carlsbad**

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: CS-1 (2)
 Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

Lab Sample ID: 890-9280-1
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:46	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:46	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:46	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		12/31/25 09:03	12/31/25 22:46	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:46	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		12/31/25 09:03	12/31/25 22:46	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98			70 - 130			12/31/25 09:03	12/31/25 22:46	1
1,4-Difluorobenzene (Surr)	96			70 - 130			12/31/25 09:03	12/31/25 22:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/31/25 22:46	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			01/03/26 01:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U *+ *1	50.1		mg/Kg		12/26/25 10:11	01/03/26 01:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U *+ *1	50.1		mg/Kg		12/26/25 10:11	01/03/26 01:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		12/26/25 10:11	01/03/26 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130				12/26/25 10:11	01/03/26 01:48	1
o-Terphenyl (Surr)	128		70 - 130				12/26/25 10:11	01/03/26 01:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.9		10.0		mg/Kg			12/29/25 19:03	1

Client Sample ID: CS-2 (2)**Lab Sample ID: 890-9280-2**

Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	12/31/25 23:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	12/31/25 23:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	12/31/25 23:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	12/31/25 23:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	12/31/25 23:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	12/31/25 23:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				12/31/25 09:03	12/31/25 23:07	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/31/25 09:03	12/31/25 23:07	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: CS-2 (2)

Lab Sample ID: 890-9280-2

Matrix: Solid

Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/31/25 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/05/26 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/26/25 10:24	01/05/26 03:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/26/25 10:24	01/05/26 03:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/26/25 10:24	01/05/26 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				12/26/25 10:24	01/05/26 03:00	1
<i>o</i> -Terphenyl (Surr)	101		70 - 130				12/26/25 10:24	01/05/26 03:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		10.1		mg/Kg			12/29/25 19:10	1

Client Sample ID: SW-1 (2)

Lab Sample ID: 890-9280-3

Matrix: Solid

Date Collected: 12/22/25 00:00

Date Received: 12/23/25 15:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	12/31/25 23:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	12/31/25 23:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	12/31/25 23:27	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		12/31/25 09:03	12/31/25 23:27	1
<i>o</i> -Xylene	<0.00202	U	0.00202		mg/Kg		12/31/25 09:03	12/31/25 23:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/31/25 09:03	12/31/25 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/31/25 09:03	12/31/25 23:27	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/31/25 09:03	12/31/25 23:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			12/31/25 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/05/26 03:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 03:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 03:44	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: SW-1 (2)

Lab Sample ID: 890-9280-3

Matrix: Solid

Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 03:44	1
Surrogate									
1-Chlorooctane (Surr)	111		70 - 130				12/26/25 10:24	01/05/26 03:44	1
o-Terphenyl (Surr)	109		70 - 130				12/26/25 10:24	01/05/26 03:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.9		10.1		mg/Kg			12/30/25 08:44	1

Client Sample ID: SW-2 (2)

Lab Sample ID: 890-9280-4

Matrix: Solid

Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	12/31/25 23:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	12/31/25 23:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	12/31/25 23:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/31/25 09:03	12/31/25 23:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/31/25 09:03	12/31/25 23:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/31/25 09:03	12/31/25 23:48	1
Surrogate									
4-Bromofluorobenzene (Surr)	85		70 - 130				12/31/25 09:03	12/31/25 23:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/31/25 09:03	12/31/25 23:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/31/25 23:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/05/26 03:58	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		12/26/25 10:24	01/05/26 03:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/26/25 10:24	01/05/26 03:58	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/26/25 10:24	01/05/26 03:58	1
Surrogate									
1-Chlorooctane (Surr)	115		70 - 130				12/26/25 10:24	01/05/26 03:58	1
o-Terphenyl (Surr)	115		70 - 130				12/26/25 10:24	01/05/26 03:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.3		10.1		mg/Kg			12/29/25 19:18	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: SW-3 (2)
 Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

Lab Sample ID: 890-9280-5
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 00:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 00:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 00:08	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/31/25 09:03	01/01/26 00:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	01/01/26 00:08	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/31/25 09:03	01/01/26 00:08	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		79		70 - 130			12/31/25 09:03	01/01/26 00:08	1
1,4-Difluorobenzene (Surr)		95		70 - 130			12/31/25 09:03	01/01/26 00:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			01/01/26 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/05/26 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/26/25 10:24	01/05/26 04:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/26/25 10:24	01/05/26 04:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/26/25 10:24	01/05/26 04:13	1
Surrogate									
1-Chlorooctane (Surr)	108		70 - 130				12/26/25 10:24	01/05/26 04:13	1
o-Terphenyl (Surr)	110		70 - 130				12/26/25 10:24	01/05/26 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		9.98		mg/Kg			12/29/25 19:25	1

Client Sample ID: SW-4 (2)**Lab Sample ID: 890-9280-6**

Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 00:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 00:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 00:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	01/01/26 00:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/31/25 09:03	01/01/26 00:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/31/25 09:03	01/01/26 00:28	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)		87		70 - 130			12/31/25 09:03	01/01/26 00:28	1
1,4-Difluorobenzene (Surr)		95		70 - 130			12/31/25 09:03	01/01/26 00:28	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: SW-4 (2)

Lab Sample ID: 890-9280-6

Matrix: Solid

Date Collected: 12/22/25 00:00
 Date Received: 12/23/25 15:56

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			01/01/26 00:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/05/26 04:28	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		12/26/25 10:24	01/05/26 04:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 04:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 04:28	1

Surrogate

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	12/26/25 10:24	01/05/26 04:28	1
<i>o</i> -Terphenyl (Surr)	105		70 - 130	12/26/25 10:24	01/05/26 04:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.2		10.0		mg/Kg			12/29/25 19:46	1

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Surrogate Summary

Client: Carmona Resources

Job ID: 890-9280-1

Project/Site: Corvo Federal 3H (10.21.2025)

SDG: 3052

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)
890-9280-1	CS-1 (2)	98	96
890-9280-1 MS	CS-1 (2)	100	101
890-9280-1 MSD	CS-1 (2)	92	99
890-9280-2	CS-2 (2)	98	97
890-9280-3	SW-1 (2)	101	97
890-9280-4	SW-2 (2)	85	97
890-9280-5	SW-3 (2)	79	95
890-9280-6	SW-4 (2)	87	95
LCS 880-127969/1-A	Lab Control Sample	98	100
LCSD 880-127969/2-A	Lab Control Sample Dup	99	100
MB 880-127806/5-A	Method Blank	97	91
MB 880-127969/5-A	Method Blank	93	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9279-A-29-B MS	Matrix Spike	131 S1+	118
890-9279-A-29-C MSD	Matrix Spike Duplicate	134 S1+	122
890-9280-1	CS-1 (2)	124	128
890-9280-2	CS-2 (2)	101	101
890-9280-2 MS	CS-2 (2)	108	111
890-9280-2 MSD	CS-2 (2)	134 S1+	111
890-9280-3	SW-1 (2)	111	109
890-9280-4	SW-2 (2)	115	115
890-9280-5	SW-3 (2)	108	110
890-9280-6	SW-4 (2)	103	105
LCS 880-127697/2-A	Lab Control Sample	155 S1+	144 S1+
LCS 880-127701/2-A	Lab Control Sample	120	122
LCSD 880-127697/3-A	Lab Control Sample Dup	238 S1+	213 S1+
LCSD 880-127701/3-A	Lab Control Sample Dup	121	123
MB 880-127697/1-A	Method Blank	228 S1+	229 S1+
MB 880-127701/1-A	Method Blank	181 S1+	352 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-127806/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127950

Prep Batch: 127806

Analyte	MB		MB		MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL							
Benzene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20		1
Toluene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20		1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/29/25 09:04	12/31/25 11:20		1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/29/25 09:04	12/31/25 11:20		1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/29/25 09:04	12/31/25 11:20		1
Surrogate	MB		MB		%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	%Recovery		Qualifier	Limits						
4-Bromofluorobenzene (Surr)	97			70 - 130				12/29/25 09:04	12/31/25 11:20	
1,4-Difluorobenzene (Surr)	91			70 - 130				12/29/25 09:04	12/31/25 11:20	

Lab Sample ID: MB 880-127969/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127950

Prep Batch: 127969

Analyte	MB		MB		MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL							
Benzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25		1
Toluene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25		1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/31/25 09:03	12/31/25 22:25		1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/31/25 09:03	12/31/25 22:25		1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/31/25 09:03	12/31/25 22:25		1
Surrogate	MB		MB		%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	%Recovery		Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93			70 - 130				12/31/25 09:03	12/31/25 22:25	
1,4-Difluorobenzene (Surr)	92			70 - 130				12/31/25 09:03	12/31/25 22:25	

Lab Sample ID: LCS 880-127969/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127950

Prep Batch: 127969

Analyte	Spike		LCS		MDL	Unit	D	%Rec	
	Added	Result	Result	Qualifier				%Rec	Limits
Benzene	0.100	0.1114	0.1114	U	mg/Kg		111	70 - 130	
Toluene	0.100	0.1013	0.1013	U	mg/Kg		101	70 - 130	
Ethylbenzene	0.100	0.1034	0.1034	U	mg/Kg		103	70 - 130	
m,p-Xylenes	0.200	0.2030	0.2030	U	mg/Kg		102	70 - 130	
o-Xylene	0.100	0.1030	0.1030	U	mg/Kg		103	70 - 130	
Surrogate	LCS		LCS		%Recovery	Qualifier	Limits		
	%Recovery		Qualifier	Limits					
4-Bromofluorobenzene (Surr)	98			70 - 130					
1,4-Difluorobenzene (Surr)	100			70 - 130					

Lab Sample ID: LCSD 880-127969/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127950

Prep Batch: 127969

Analyte	Spike		LCSD		MDL	Unit	D	%Rec	
	Added	Result	Result	Qualifier				%Rec	Limits
Benzene	0.100	0.1134	0.1134	U	mg/Kg		113	70 - 130	

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

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

Lab Sample ID: LCSD 880-127969/2-A

Matrix: Solid

Analysis Batch: 127950

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 127969

Analyte	Spike Added	LCSD		Unit	D	%Rec	Limits	RPD	RPD Limit
		Result	Qualifier						
Toluene	0.100	0.1017		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130	1	35
m,p-Xylenes	0.200	0.2047		mg/Kg		102	70 - 130	1	35
o-Xylene	0.100	0.1037		mg/Kg		104	70 - 130	1	35

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

Lab Sample ID: 890-9280-1 MS

Matrix: Solid

Analysis Batch: 127950

Client Sample ID: CS-1 (2)

Prep Type: Total/NA

Prep Batch: 127969

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Benzene	<0.00200	U F1	0.100	0.08650		mg/Kg		87	70 - 130	
Toluene	<0.00200	U F1	0.100	0.07855		mg/Kg		79	70 - 130	
Ethylbenzene	<0.00200	U F1	0.100	0.08142		mg/Kg		81	70 - 130	
m,p-Xylenes	<0.00399	U F1	0.200	0.1623		mg/Kg		81	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.08298		mg/Kg		83	70 - 130	

Surrogate	MS		MS		Limits
	%Recovery	Qualifier	Result	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130		
1,4-Difluorobenzene (Surr)	101		70 - 130		

Lab Sample ID: 890-9280-1 MSD

Matrix: Solid

Analysis Batch: 127950

Client Sample ID: CS-1 (2)

Prep Type: Total/NA

Prep Batch: 127969

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Benzene	<0.00200	U F1	0.100	0.06534	F1	mg/Kg		65	70 - 130	28
Toluene	<0.00200	U F1	0.100	0.05980	F1	mg/Kg		60	70 - 130	27
Ethylbenzene	<0.00200	U F1	0.100	0.06149	F1	mg/Kg		61	70 - 130	28
m,p-Xylenes	<0.00399	U F1	0.200	0.1154	F1	mg/Kg		58	70 - 130	34
o-Xylene	<0.00200	U F1	0.100	0.06008	F1	mg/Kg		60	70 - 130	32

Surrogate	MSD		MSD		Limits
	%Recovery	Qualifier	Result	Qualifier	
4-Bromofluorobenzene (Surr)	92		70 - 130		
1,4-Difluorobenzene (Surr)	99		70 - 130		

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

Lab Sample ID: MB 880-127697/1-A

Matrix: Solid

Analysis Batch: 128056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 127697

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/26/25 10:11	01/02/26 19:39	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

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

Lab Sample ID: MB 880-127697/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128056

Prep Batch: 127697

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Result	Qualifier								
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/26/25 10:11	01/02/26 19:39	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/26/25 10:11	01/02/26 19:39	1	
MB MB										
Surrogate	%Recovery		Qualifier		Limits		Prepared		Dil Fac	
	228	S1+	70 - 130				12/26/25 10:11	01/02/26 19:39	1	
1-Chlorooctane (Surr)	229	S1+	70 - 130				12/26/25 10:11	01/02/26 19:39	1	

Lab Sample ID: LCS 880-127697/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128056

Prep Batch: 127697

Analyte	Spike		LCS	LCS	Unit	D	%Rec	
	Added	Result	Qualifier	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1186		119	70 - 130			
Diesel Range Organics (Over C10-C28)	1000	1335	*+*	133	70 - 130			
LCS LCS								
Surrogate	%Recovery		Qualifier		Limits			
	155	S1+	70 - 130					
1-Chlorooctane (Surr)	144	S1+	70 - 130					

Lab Sample ID: LCSD 880-127697/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128056

Prep Batch: 127697

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec		RPD
	Added	Result	Qualifier	%Rec	Limits				Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1690	*+*	169	70 - 130				35
Diesel Range Organics (Over C10-C28)	1000	2130	*+*	213	70 - 130				46
LCSD LCSD									
Surrogate	%Recovery		Qualifier		Limits				
	238	S1+	70 - 130						
1-Chlorooctane (Surr)	213	S1+	70 - 130						

Lab Sample ID: 890-9279-A-29-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128056

Prep Batch: 127697

Analyte	Sample		Spike	MS	MS	Unit	D	%Rec	
	Result	Qualifier		Result	Qualifier			%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+*	1010	832.0		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *+*	1010	878.3		mg/Kg		87	70 - 130
MS MS									
Surrogate	%Recovery		Qualifier		Limits				
	131	S1+	70 - 130						
1-Chlorooctane (Surr)	118	S1+	70 - 130						

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

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

Lab Sample ID: 890-9279-A-29-C MSD

Matrix: Solid

Analysis Batch: 128056

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 127697

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *+ *1	1010	869.5		mg/Kg		86	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U *+ *1	1010	934.6		mg/Kg		93	70 - 130	6	20
Surrogate											
MSD MSD											
%Recovery Qualifier Limits											
1-Chlorooctane (Surr)	134	S1+		70 - 130							
o-Terphenyl (Surr)	122			70 - 130							

Lab Sample ID: MB 880-127701/1-A

Matrix: Solid

Analysis Batch: 128146

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 127701

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 02:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 02:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/26/25 10:24	01/05/26 02:00	1
Surrogate									
MB MB									
%Recovery Qualifier Limits									
1-Chlorooctane (Surr)	181	S1+	70 - 130				12/26/25 10:24	01/05/26 02:00	1
o-Terphenyl (Surr)	352	S1+	70 - 130				12/26/25 10:24	01/05/26 02:00	1

Lab Sample ID: LCS 880-127701/2-A

Matrix: Solid

Analysis Batch: 128146

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 127701

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	1000	981.1		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	961.8		mg/Kg		96	70 - 130
Surrogate							
LCS LCS							
%Recovery Qualifier Limits							
1-Chlorooctane (Surr)	120	70 - 130					
o-Terphenyl (Surr)	122	70 - 130					

Lab Sample ID: LCSD 880-127701/3-A

Matrix: Solid

Analysis Batch: 128146

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 127701

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	RPD	RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	982.2		mg/Kg		98	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	968.3		mg/Kg		97	70 - 130	1	20

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

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

Lab Sample ID: LCSD 880-127701/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128146

Prep Batch: 127701

Surrogate	LCSD	LCSD	
	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	121		70 - 130
<i>o</i> -Terphenyl (Surr)	123		70 - 130

Lab Sample ID: 890-9280-2 MS

Client Sample ID: CS-2 (2)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128146

Prep Batch: 127701

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	885.4		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	997	913.4		mg/Kg		92	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	MS Limits								
1-Chlorooctane (Surr)	108		70 - 130								
<i>o</i> -Terphenyl (Surr)	111		70 - 130								

Lab Sample ID: 890-9280-2 MSD

Client Sample ID: CS-2 (2)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128146

Prep Batch: 127701

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	912.0		mg/Kg		91	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	867.6		mg/Kg		87	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
1-Chlorooctane (Surr)	134	S1+	70 - 130								
<i>o</i> -Terphenyl (Surr)	111		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-127753/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 127856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			12/29/25 17:43	1

Lab Sample ID: LCS 880-127753/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 127856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	260.2		mg/Kg		104	90 - 110		

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QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-127753/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 127856

Analyte		Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
		Added	Result	Qualifier						
Chloride		250	247.2		mg/Kg		99	90 - 110	5	20

Lab Sample ID: 890-9280-5 MS

Client Sample ID: SW-3 (2)

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 127856

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier					
Chloride	16.7		250	280.9		mg/Kg		106	90 - 110	

Lab Sample ID: 890-9280-5 MSD

Client Sample ID: SW-3 (2)

Matrix: Solid

Prep Type: Soluble

Analysis Batch: 127856

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD
	Result	Qualifier	Added	Result	Qualifier					
Chloride	16.7		250	281.6		mg/Kg		106	90 - 110	0

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

GC VOA

Prep Batch: 127806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127806/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 127950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Total/NA	Solid	8021B	127969
890-9280-2	CS-2 (2)	Total/NA	Solid	8021B	127969
890-9280-3	SW-1 (2)	Total/NA	Solid	8021B	127969
890-9280-4	SW-2 (2)	Total/NA	Solid	8021B	127969
890-9280-5	SW-3 (2)	Total/NA	Solid	8021B	127969
890-9280-6	SW-4 (2)	Total/NA	Solid	8021B	127969
MB 880-127806/5-A	Method Blank	Total/NA	Solid	8021B	127806
MB 880-127969/5-A	Method Blank	Total/NA	Solid	8021B	127969
LCS 880-127969/1-A	Lab Control Sample	Total/NA	Solid	8021B	127969
LCSD 880-127969/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127969
890-9280-1 MS	CS-1 (2)	Total/NA	Solid	8021B	127969
890-9280-1 MSD	CS-1 (2)	Total/NA	Solid	8021B	127969

Prep Batch: 127969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Total/NA	Solid	5035	
890-9280-2	CS-2 (2)	Total/NA	Solid	5035	
890-9280-3	SW-1 (2)	Total/NA	Solid	5035	
890-9280-4	SW-2 (2)	Total/NA	Solid	5035	
890-9280-5	SW-3 (2)	Total/NA	Solid	5035	
890-9280-6	SW-4 (2)	Total/NA	Solid	5035	
MB 880-127969/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127969/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127969/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9280-1 MS	CS-1 (2)	Total/NA	Solid	5035	
890-9280-1 MSD	CS-1 (2)	Total/NA	Solid	5035	

Analysis Batch: 128101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Total/NA	Solid	Total BTEX	
890-9280-2	CS-2 (2)	Total/NA	Solid	Total BTEX	
890-9280-3	SW-1 (2)	Total/NA	Solid	Total BTEX	
890-9280-4	SW-2 (2)	Total/NA	Solid	Total BTEX	
890-9280-5	SW-3 (2)	Total/NA	Solid	Total BTEX	
890-9280-6	SW-4 (2)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 127697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Total/NA	Solid	8015NM Prep	
MB 880-127697/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127697/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127697/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9279-A-29-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9279-A-29-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

GC Semi VOA

Prep Batch: 127701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-2	CS-2 (2)	Total/NA	Solid	8015NM Prep	
890-9280-3	SW-1 (2)	Total/NA	Solid	8015NM Prep	
890-9280-4	SW-2 (2)	Total/NA	Solid	8015NM Prep	
890-9280-5	SW-3 (2)	Total/NA	Solid	8015NM Prep	
890-9280-6	SW-4 (2)	Total/NA	Solid	8015NM Prep	
MB 880-127701/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127701/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9280-2 MS	CS-2 (2)	Total/NA	Solid	8015NM Prep	
890-9280-2 MSD	CS-2 (2)	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Total/NA	Solid	8015B NM	127697
MB 880-127697/1-A	Method Blank	Total/NA	Solid	8015B NM	127697
LCS 880-127697/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127697
LCSD 880-127697/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127697
890-9279-A-29-B MS	Matrix Spike	Total/NA	Solid	8015B NM	127697
890-9279-A-29-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127697

Analysis Batch: 128146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-2	CS-2 (2)	Total/NA	Solid	8015B NM	127701
890-9280-3	SW-1 (2)	Total/NA	Solid	8015B NM	127701
890-9280-4	SW-2 (2)	Total/NA	Solid	8015B NM	127701
890-9280-5	SW-3 (2)	Total/NA	Solid	8015B NM	127701
890-9280-6	SW-4 (2)	Total/NA	Solid	8015B NM	127701
MB 880-127701/1-A	Method Blank	Total/NA	Solid	8015B NM	127701
LCS 880-127701/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127701
LCSD 880-127701/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127701
890-9280-2 MS	CS-2 (2)	Total/NA	Solid	8015B NM	127701
890-9280-2 MSD	CS-2 (2)	Total/NA	Solid	8015B NM	127701

Analysis Batch: 128201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Total/NA	Solid	8015 NM	
890-9280-2	CS-2 (2)	Total/NA	Solid	8015 NM	
890-9280-3	SW-1 (2)	Total/NA	Solid	8015 NM	
890-9280-4	SW-2 (2)	Total/NA	Solid	8015 NM	
890-9280-5	SW-3 (2)	Total/NA	Solid	8015 NM	
890-9280-6	SW-4 (2)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 127753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Soluble	Solid	DI Leach	
890-9280-2	CS-2 (2)	Soluble	Solid	DI Leach	
890-9280-3	SW-1 (2)	Soluble	Solid	DI Leach	
890-9280-4	SW-2 (2)	Soluble	Solid	DI Leach	
890-9280-5	SW-3 (2)	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

HPLC/IC (Continued)

Leach Batch: 127753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-6	SW-4 (2)	Soluble	Solid	DI Leach	
MB 880-127753/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127753/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127753/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9280-5 MS	SW-3 (2)	Soluble	Solid	DI Leach	
890-9280-5 MSD	SW-3 (2)	Soluble	Solid	DI Leach	

Analysis Batch: 127856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9280-1	CS-1 (2)	Soluble	Solid	300.0	127753
890-9280-2	CS-2 (2)	Soluble	Solid	300.0	127753
890-9280-3	SW-1 (2)	Soluble	Solid	300.0	127753
890-9280-4	SW-2 (2)	Soluble	Solid	300.0	127753
890-9280-5	SW-3 (2)	Soluble	Solid	300.0	127753
890-9280-6	SW-4 (2)	Soluble	Solid	300.0	127753
MB 880-127753/1-A	Method Blank	Soluble	Solid	300.0	127753
LCS 880-127753/2-A	Lab Control Sample	Soluble	Solid	300.0	127753
LCSD 880-127753/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127753
890-9280-5 MS	SW-3 (2)	Soluble	Solid	300.0	127753
890-9280-5 MSD	SW-3 (2)	Soluble	Solid	300.0	127753

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Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: CS-1 (2)

Lab Sample ID: 890-9280-1

Date Collected: 12/22/25 00:00

Matrix: Solid

Date Received: 12/23/25 15:56

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	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	12/31/25 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128101	12/31/25 22:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			128201	01/03/26 01:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	127697	12/26/25 10:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128056	01/03/26 01:48	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127753	12/26/25 12:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127856	12/29/25 19:03	CS	EET MID

Client Sample ID: CS-2 (2)

Lab Sample ID: 890-9280-2

Date Collected: 12/22/25 00:00

Matrix: Solid

Date Received: 12/23/25 15:56

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	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	12/31/25 23:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128101	12/31/25 23:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			128201	01/05/26 03:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	127701	12/26/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128146	01/05/26 03:00	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	127753	12/26/25 12:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127856	12/29/25 19:10	CS	EET MID

Client Sample ID: SW-1 (2)

Lab Sample ID: 890-9280-3

Date Collected: 12/22/25 00:00

Matrix: Solid

Date Received: 12/23/25 15:56

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	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	12/31/25 23:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128101	12/31/25 23:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			128201	01/05/26 03:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127701	12/26/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128146	01/05/26 03:44	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	127753	12/26/25 12:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127856	12/30/25 08:44	CS	EET MID

Client Sample ID: SW-2 (2)

Lab Sample ID: 890-9280-4

Date Collected: 12/22/25 00:00

Matrix: Solid

Date Received: 12/23/25 15:56

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	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	12/31/25 23:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128101	12/31/25 23:48	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

Client Sample ID: SW-2 (2)

Lab Sample ID: 890-9280-4

Date Collected: 12/22/25 00:00

Matrix: Solid

Date Received: 12/23/25 15:56

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			128201	01/05/26 03:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	127701	12/26/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128146	01/05/26 03:58	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	127753	12/26/25 12:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127856	12/29/25 19:18	CS	EET MID

Client Sample ID: SW-3 (2)

Lab Sample ID: 890-9280-5

Date Collected: 12/22/25 00:00

Matrix: Solid

Date Received: 12/23/25 15:56

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	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128101	01/01/26 00:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			128201	01/05/26 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	127701	12/26/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128146	01/05/26 04:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	127753	12/26/25 12:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127856	12/29/25 19:25	CS	EET MID

Client Sample ID: SW-4 (2)

Lab Sample ID: 890-9280-6

Matrix: Solid

Date Received: 12/23/25 15:56

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	127969	12/31/25 09:03	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127950	01/01/26 00:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128101	01/01/26 00:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			128201	01/05/26 04:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127701	12/26/25 10:24	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128146	01/05/26 04:28	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127753	12/26/25 12:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127856	12/29/25 19:46	CS	EET MID

Laboratory References:

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

Eurofins Carlsbad

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 890-9280-1

Project/Site: Corvo Federal 3H (10.21.2025)

SDG: 3052

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

Eurofins Carlsbad

Method Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1
 SDG: 3052

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

Eurofins Carlsbad

Sample Summary

Client: Carmona Resources

Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 890-9280-1

SDG: 3052

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin	
890-9280-1	CS-1 (2)	Solid	12/22/25 00:00	12/23/25 15:56	Texas	1
890-9280-2	CS-2 (2)	Solid	12/22/25 00:00	12/23/25 15:56	Texas	2
890-9280-3	SW-1 (2)	Solid	12/22/25 00:00	12/23/25 15:56	Texas	3
890-9280-4	SW-2 (2)	Solid	12/22/25 00:00	12/23/25 15:56	Texas	4
890-9280-5	SW-3 (2)	Solid	12/22/25 00:00	12/23/25 15:56	Texas	5
890-9280-6	SW-4 (2)	Solid	12/22/25 00:00	12/23/25 15:56	Texas	6

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Chain of Custody



890-9280 Chain of Custody

Project Manager:		Conner Moehring		Bill to: (if different)		Carmona Resources		Work Order Comments	
Company Name:		Carmona Resources		Company Name:				Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Impertfund <input type="checkbox"/>	
Address:		310 W Wall St Ste 500		Address:				State of Project:	
City, State ZIP:		Midland, TX 79701		City, State ZIP:				Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Phone:		432-813-6823		Email:		mcarmona@carmonaresources.com		Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	
ANALYSIS REQUEST									
Project Name:		Corvo Federal 3H (10.21.2025)		Turn Around					
Project Number:		3052		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code			
Project Location		Lea County, New Mexico		Due Date:					
Sampler's Name:		RP							
PO #:									
Parameters									
SAMPLE RECEIPT		Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		No		Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride 300.0	
Received Intact:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Thermometer ID: <input checked="" type="checkbox"/> N/A		Thermometer ID: <input checked="" type="checkbox"/> N/A		TPH 8015M (GRO + DRO + MRO)	
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Correction Factor: <input checked="" type="checkbox"/> 1.0		Correction Factor: <input checked="" type="checkbox"/> 1.0		BTX 8021B	
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Temperature Reading: <input checked="" type="checkbox"/> 0.0		Temperature Reading: <input checked="" type="checkbox"/> 0.0		NaHSO ₄ : NABIS	
Total Containers:				Corrected Temperature: <input checked="" type="checkbox"/> 0.0				Na ₂ S ₂ O ₃ : NaSO ₃	
								Zn Acetate+NaOH: Zn	
								NaOH+Ascorbic Acid: SAPC	
Sample Comments									
Sample Identification		Date		Time		Soil		Grab/ Water Comp	
CS-1 (2')		12/22/2025		X				# of Cont 1 X X X	
CS-2 (2')		12/22/2025		X				Comp 1 X X X	
SW-1 (2')		12/22/2025		X				Comp 1 X X X	
SW-2 (2')		12/22/2025		X				Comp 1 X X X	
SW-3 (2')		12/22/2025		X				Comp 1 X X X	
SW-4 (2')		12/22/2025		X				Comp 1 X X X	

Comments: Email to [Mike Carmona / Mcarmona@carmonaresources.com](mailto:Mike_Carmona / Mcarmona@carmonaresources.com) and [Conner Moehring](mailto:Conner_Moehring@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>John Doe</i>	12-28-2012	<i>John Doe</i>	12-28-2012
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6

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9280-1

SDG Number: 3052

Login Number: 9280**List Source: Eurofins Carlsbad****List Number: 1****Creator: Lopez, Abraham**

Question	Answer	Comment	
The cooler's custody seal, if present, is intact.	True		1
Sample custody seals, if present, are intact.	True		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the containers received and the COC.	True		11
Samples are received within Holding Time (excluding tests with immediate HTs)	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
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		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9280-1

SDG Number: 3052

Login Number: 9280**List Source:** Eurofins Midland**List Number:** 2**List Creation:** 12/26/25 07:59 AM**Creator:** Lee, Randall

Question	Answer	Comment	
The cooler's custody seal, if present, is intact.	N/A		1
Sample custody seals, if present, are intact.	N/A		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the containers received and the COC.	True		11
Samples are received within Holding Time (excluding tests with immediate HTs)	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
Sample collection date/times are provided.	True		
Appropriate sample containers are used.	True		
Sample bottles are completely filled.	True		
Sample Preservation Verified.	N/A		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True		
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A		



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 1/12/2026 1:22:41 PM

JOB DESCRIPTION

Corvo Federal 3H (10.21.2025)
3052

JOB NUMBER

880-66806-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 2/2/2026 10:06:46 AM

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



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1/12/2026 1:22:41 PM

Authorized for release by
Jessica Kramer, Project Manager
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(432)704-5440

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
SDG: 3052

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, 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: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1

Job ID: 880-66806-1**Eurofins Midland****Job Narrative
880-66806-1**

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 1/9/2026 2:14 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 -1.2°C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: (CCV 880-128694/2). 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 880-128695 and analytical batch 880-128694 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 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-128673/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-128673/2-A) and (LCSD 880-128673/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

Client Sample ID: Backfill
 Date Collected: 01/05/26 00:00
 Date Received: 01/09/26 14:14

Lab Sample ID: 880-66806-1
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/10/26 20:03	01/11/26 12:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/10/26 20:03	01/11/26 12:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/10/26 20:03	01/11/26 12:20	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/10/26 20:03	01/11/26 12:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/10/26 20:03	01/11/26 12:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/10/26 20:03	01/11/26 12:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				01/10/26 20:03	01/11/26 12:20	1
1,4-Difluorobenzene (Surr)	73		70 - 130				01/10/26 20:03	01/11/26 12:20	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			01/11/26 12:20	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			01/12/26 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/12/26 08:25	01/12/26 12:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/12/26 08:25	01/12/26 12:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/12/26 08:25	01/12/26 12:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				01/12/26 08:25	01/12/26 12:55	1
o-Terphenyl (Surr)	96		70 - 130				01/12/26 08:25	01/12/26 12:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.2		9.94		mg/Kg			01/10/26 17:14	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources

Job ID: 880-66806-1

Project/Site: Corvo Federal 3H (10.21.2025)

SDG: 3052

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)
880-66800-A-1-B MS	Matrix Spike	128	97
880-66800-A-1-C MSD	Matrix Spike Duplicate	113	124
880-66806-1	Backfill	85	73
LCS 880-128695/1-A	Lab Control Sample	128	125
LCSD 880-128695/2-A	Lab Control Sample Dup	124	100
MB 880-128599/5-A	Method Blank	79	72
MB 880-128695/5-A	Method Blank	76	70

Surrogate Legend

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

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-66806-1	Backfill	102	96
890-9335-A-1-B MS	Matrix Spike	120	105
890-9335-A-1-C MSD	Matrix Spike Duplicate	121	103
LCS 880-128673/2-A	Lab Control Sample	133 S1+	117
LCSD 880-128673/3-A	Lab Control Sample Dup	132 S1+	118
MB 880-128673/1-A	Method Blank	110	108

Surrogate Legend

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128599/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128694

Prep Batch: 128599

Analyte	MB		MB		MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL							
Benzene	<0.00200	U	0.00200		mg/Kg		01/09/26 10:08	01/10/26 22:59		1
Toluene	<0.00200	U	0.00200		mg/Kg		01/09/26 10:08	01/10/26 22:59		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/09/26 10:08	01/10/26 22:59		1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/09/26 10:08	01/10/26 22:59		1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/09/26 10:08	01/10/26 22:59		1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/09/26 10:08	01/10/26 22:59		1
Surrogate	MB		MB		Limits		Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier								
4-Bromofluorobenzene (Surr)	79			70 - 130			01/09/26 10:08	01/10/26 22:59		1
1,4-Difluorobenzene (Surr)	72			70 - 130			01/09/26 10:08	01/10/26 22:59		1

Lab Sample ID: MB 880-128695/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128694

Prep Batch: 128695

Analyte	MB		MB		MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	RL							
Benzene	<0.00200	U	0.00200		mg/Kg		01/10/26 20:03	01/11/26 09:55		1
Toluene	<0.00200	U	0.00200		mg/Kg		01/10/26 20:03	01/11/26 09:55		1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/10/26 20:03	01/11/26 09:55		1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/10/26 20:03	01/11/26 09:55		1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/10/26 20:03	01/11/26 09:55		1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/10/26 20:03	01/11/26 09:55		1
Surrogate	MB		MB		Limits		Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier								
4-Bromofluorobenzene (Surr)	76			70 - 130			01/10/26 20:03	01/11/26 09:55		1
1,4-Difluorobenzene (Surr)	70			70 - 130			01/10/26 20:03	01/11/26 09:55		1

Lab Sample ID: LCS 880-128695/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128694

Prep Batch: 128695

Analyte	Spike		LCS		Unit	D	%Rec		RPD
	Added	Result	Qualifier				%Rec	Limits	
Benzene	0.100	0.08413		mg/Kg		84	70 - 130		
Toluene	0.100	0.09960		mg/Kg		100	70 - 130		
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130		
m,p-Xylenes	0.200	0.1842		mg/Kg		92	70 - 130		
o-Xylene	0.100	0.1063		mg/Kg		106	70 - 130		
Surrogate	LCS		LCS				Limits		
	%Recovery	Qualifier		Limits					
4-Bromofluorobenzene (Surr)	128			70 - 130					
1,4-Difluorobenzene (Surr)	125			70 - 130					

Lab Sample ID: LCSD 880-128695/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128694

Prep Batch: 128695

Analyte	Spike		LCSD		Unit	D	%Rec		RPD
	Added	Result	Qualifier				%Rec	Limits	
Benzene	0.100	0.1196		mg/Kg		120	70 - 130		35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

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

Lab Sample ID: LCSD 880-128695/2-A

Matrix: Solid

Analysis Batch: 128694

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 128695

Analyte	Spike Added	LCSD		Unit	D	%Rec		RPD	Limit
		Result	Qualifier			%Rec	Limits		
Toluene	0.100	0.1170		mg/Kg		117	70 - 130	16	35
Ethylbenzene	0.100	0.1161		mg/Kg		116	70 - 130	15	35
m,p-Xylenes	0.200	0.2279		mg/Kg		114	70 - 130	21	35
o-Xylene	0.100	0.1175		mg/Kg		117	70 - 130	10	35

Surrogate	LCSD		LCSD		Limits
	%Recovery	Qualifier	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	124		70 - 130		
1,4-Difluorobenzene (Surr)	100		70 - 130		

Lab Sample ID: 880-66800-A-1-B MS

Matrix: Solid

Analysis Batch: 128694

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 128695

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	
	Result	Qualifier	Added	Result	Qualifier			%Rec	Limits
Benzene	<0.00200	U	0.100	0.09562		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.1045		mg/Kg		105	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1227		mg/Kg		123	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2098		mg/Kg		105	70 - 130
o-Xylene	<0.00200	U	0.100	0.1063		mg/Kg		106	70 - 130

Surrogate	MS		MS		Limits
	%Recovery	Qualifier	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	128		70 - 130		
1,4-Difluorobenzene (Surr)	97		70 - 130		

Lab Sample ID: 880-66800-A-1-C MSD

Matrix: Solid

Analysis Batch: 128694

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 128695

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	
	Result	Qualifier	Added	Result	Qualifier			%Rec	Limits
Benzene	<0.00200	U	0.100	0.09209		mg/Kg		92	70 - 130
Toluene	<0.00200	U	0.100	0.09308		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1149		mg/Kg		115	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2008		mg/Kg		100	70 - 130
o-Xylene	<0.00200	U	0.100	0.1054		mg/Kg		105	70 - 130

Surrogate	MSD		MSD		Limits
	%Recovery	Qualifier	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	113		70 - 130		
1,4-Difluorobenzene (Surr)	124		70 - 130		

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

Lab Sample ID: MB 880-128673/1-A

Matrix: Solid

Analysis Batch: 128717

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 128673

Analyte	MB		RL	MDL	Unit	D	%Rec	
	Result	Qualifier					%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/09/26 19:31	01/12/26 08:58

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

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

Lab Sample ID: MB 880-128673/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128717

Prep Batch: 128673

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/09/26 19:31	01/12/26 08:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/09/26 19:31	01/12/26 08:58	1
Surrogate									
1-Chlorooctane (Surr)	110		70 - 130				01/09/26 19:31	01/12/26 08:58	1
o-Terphenyl (Surr)	108		70 - 130				01/09/26 19:31	01/12/26 08:58	1

Lab Sample ID: LCS 880-128673/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128717

Prep Batch: 128673

Analyte	Spike		LCS	LCS	Unit	D	%Rec	
	Added	Result	Qualifier	%Rec	Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1272		mg/Kg			127	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1172		mg/Kg			117	70 - 130
Surrogate								
1-Chlorooctane (Surr)	133	S1+	70 - 130					
o-Terphenyl (Surr)	117		70 - 130					

Lab Sample ID: LCSD 880-128673/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128717

Prep Batch: 128673

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec		RPD
	Added	Result	Qualifier	%Rec	Limits	RPD	Limit		
Gasoline Range Organics (GRO)-C6-C10	1000	1273		mg/Kg			127	70 - 130	0 20
Diesel Range Organics (Over C10-C28)	1000	1164		mg/Kg			116	70 - 130	1 20
Surrogate									
1-Chlorooctane (Surr)	132	S1+	70 - 130						
o-Terphenyl (Surr)	118		70 - 130						

Lab Sample ID: 890-9335-A-1-B MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 128717

Prep Batch: 128673

Analyte	Sample		Spike	MS	MS	Unit	D	%Rec	
	Result	Qualifier		Result	Qualifier	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	911.6		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	790.5		76	70 - 130		
Surrogate									
1-Chlorooctane (Surr)	120		70 - 130						
o-Terphenyl (Surr)	105		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

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

Lab Sample ID: 890-9335-A-1-C MSD							Client Sample ID: Matrix Spike Duplicate						
Matrix: Solid							Prep Type: Total/NA						
Analysis Batch: 128717							Prep Batch: 128673						
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD	Limit	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	943.3		mg/Kg		94	70 - 130	3		20	
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	800.3		mg/Kg		77	70 - 130	1		20	
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits										
1-Chlorooctane (Surr)	121		70 - 130										
o-Terphenyl (Surr)	103		70 - 130										

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128644/1-A							Client Sample ID: Method Blank						
Matrix: Solid							Prep Type: Soluble						
Analysis Batch: 128683													
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared		Analyzed		Dil Fac		
Chloride	<10.0	U		10.0	mg/Kg				01/10/26 14:45		1		

Lab Sample ID: LCS 880-128644/2-A							Client Sample ID: Lab Control Sample						
Matrix: Solid							Prep Type: Soluble						
Analysis Batch: 128683													
Analyte	Spike Added		LCS Result	LCS Qualifier	Unit	D	%Rec						
Chloride	250		237.8		mg/Kg		95	90 - 110					

Lab Sample ID: LCSD 880-128644/3-A							Client Sample ID: Lab Control Sample Dup						
Matrix: Solid							Prep Type: Soluble						
Analysis Batch: 128683													
Analyte	Spike Added		LCSD Result	LCSD Qualifier	Unit	D	%Rec						
Chloride	250		236.6		mg/Kg		95	90 - 110			1		20

Lab Sample ID: 880-66756-A-1-I MS							Client Sample ID: Matrix Spike						
Matrix: Solid							Prep Type: Soluble						
Analysis Batch: 128683													
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec					
Chloride	<10.1	U	253	259.0		mg/Kg		99	90 - 110				

Lab Sample ID: 880-66756-A-1-J MSD							Client Sample ID: Matrix Spike Duplicate						
Matrix: Solid							Prep Type: Soluble						
Analysis Batch: 128683													
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec					
Chloride	<10.1	U	252	256.6		mg/Kg		98	90 - 110		1		20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

GC VOA

Prep Batch: 128599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-128599/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 128694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Total/NA	Solid	8021B	128695
MB 880-128599/5-A	Method Blank	Total/NA	Solid	8021B	128599
MB 880-128695/5-A	Method Blank	Total/NA	Solid	8021B	128695
LCS 880-128695/1-A	Lab Control Sample	Total/NA	Solid	8021B	128695
LCSD 880-128695/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128695
880-66800-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	128695
880-66800-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	128695

Prep Batch: 128695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Total/NA	Solid	5035	
MB 880-128695/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128695/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128695/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66800-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-66800-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 128781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 128673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-128673/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128673/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128673/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9335-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9335-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Total/NA	Solid	8015B NM	128673
MB 880-128673/1-A	Method Blank	Total/NA	Solid	8015B NM	128673
LCS 880-128673/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128673
LCSD 880-128673/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128673
890-9335-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	128673
890-9335-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	128673

Analysis Batch: 128796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

HPLC/IC**Leach Batch: 128644**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Soluble	Solid	DI Leach	
MB 880-128644/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128644/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128644/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66756-A-1-I MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66756-A-1-J MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 128683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66806-1	Backfill	Soluble	Solid	300.0	128644
MB 880-128644/1-A	Method Blank	Soluble	Solid	300.0	128644
LCS 880-128644/2-A	Lab Control Sample	Soluble	Solid	300.0	128644
LCSD 880-128644/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128644
880-66756-A-1-I MS	Matrix Spike	Soluble	Solid	300.0	128644
880-66756-A-1-J MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	128644

Lab Chronicle

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

Client Sample ID: Backfill

Date Collected: 01/05/26 00:00

Date Received: 01/09/26 14:14

Lab Sample ID: 880-66806-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	128695	01/10/26 20:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128694	01/11/26 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128781	01/11/26 12:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			128796	01/12/26 12:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128673	01/12/26 08:25	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128717	01/12/26 12:55	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128644	01/09/26 18:41	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128683	01/10/26 17:14	CS	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-66806-1

Project/Site: Corvo Federal 3H (10.21.2025)

SDG: 3052

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

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Eurofins Midland

Method Summary

Client: Carmona Resources
 Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1
 SDG: 3052

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

Eurofins Midland

Sample Summary

Client: Carmona Resources

Project/Site: Corvo Federal 3H (10.21.2025)

Job ID: 880-66806-1

SDG: 3052

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66806-1	Backfill	Solid	01/05/26 00:00	01/09/26 14:14	New Mexico

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Eurofins Midland

Chain of Custody



880-668936 Chain of Custody

		Page 1 of 1																													
<p>Project Manager: Conner Moehring Company Name: Carmona Resources Address: 310 W Wall St Ste 500 City, State ZIP: Midland, TX 79701 Phone: 432-813-6623</p>		<p>Bill to: (if different) Company Name: Carmona Resources Address: City, State ZIP: Email: mcarmona@carmonaresources.com</p>																													
<p>Work Order Comments</p> <p>Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/></p> <p>State of Project: <input type="checkbox"/> Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/></p> <p>Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____</p>																															
<p>ANALYSIS REQUEST</p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Method</th> <th>Conc.</th> <th>Notes</th> </tr> </thead> <tbody> <tr> <td>TPH 8015M (GRO + DRO + MRO)</td> <td>BTEX 8021B</td> <td>Chloride 300.0</td> <td></td> </tr> <tr> <td>Temp Blank:</td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td>Wet Ice: <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Received Intact:</td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td>Thermometer ID: <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td></td> </tr> <tr> <td>Cooler Custody Seals:</td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A</td> <td>Correction Factor: <input checked="" type="checkbox"/> 0.1</td> <td></td> </tr> <tr> <td>Sample Custody Seals:</td> <td>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A</td> <td>Temperature Reading: <input checked="" type="checkbox"/> 11</td> <td></td> </tr> <tr> <td>Total Containers:</td> <td colspan="3">Corrected Temperature: <input checked="" type="checkbox"/> 1.2</td> </tr> </tbody> </table> <p>Sample Comments</p> <p>Backfill 1/5/2026 X Comp 1 Grab/ Comp # of Cont</p>				Parameter	Method	Conc.	Notes	TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 300.0		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: <input checked="" type="checkbox"/> No <input type="checkbox"/>		Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID: <input checked="" type="checkbox"/> No <input type="checkbox"/>		Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor: <input checked="" type="checkbox"/> 0.1		Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading: <input checked="" type="checkbox"/> 11		Total Containers:	Corrected Temperature: <input checked="" type="checkbox"/> 1.2		
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TPH 8015M (GRO + DRO + MRO)	BTEX 8021B	Chloride 300.0																													
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Total Containers:	Corrected Temperature: <input checked="" type="checkbox"/> 1.2																														

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com	Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
		1/9/26 14:14	Conner Moehring	1-9-26 1414

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-66806-1

SDG Number: 3052

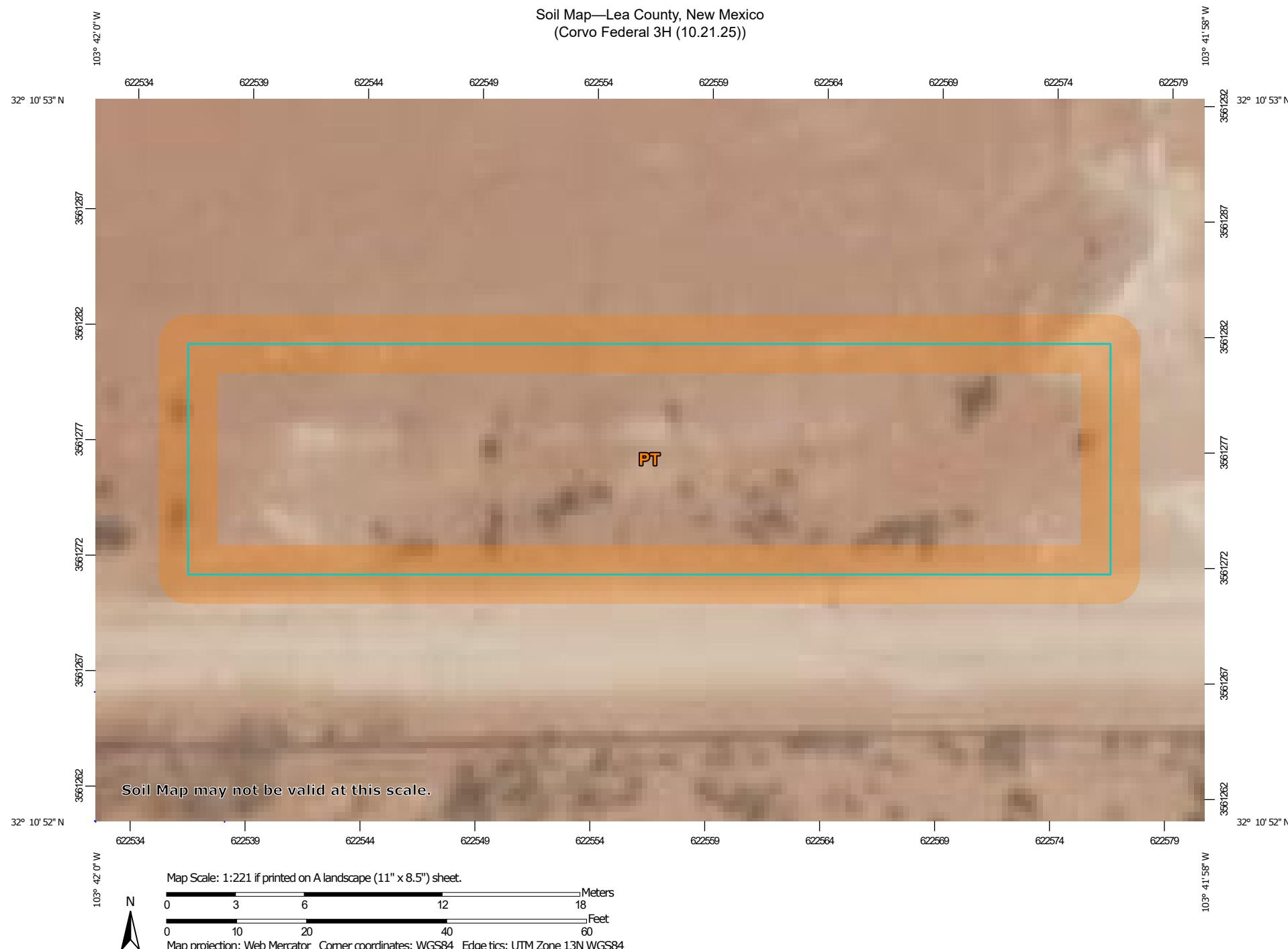
Login Number: 66806**List Source: Eurofins Midland****List Number: 1****Creator: Dyal, Erica**

Question	Answer	Comment	
The cooler's custody seal, if present, is intact.	N/A		1
Sample custody seals, if present, are intact.	N/A		2
The cooler or samples do not appear to have been compromised or tampered with.	True		3
Samples were received on ice.	True		4
Cooler Temperature is acceptable.	True		5
Cooler Temperature is recorded.	True		6
COC is present.	True		7
COC is filled out in ink and legible.	True		8
COC is filled out with all pertinent information.	True		9
Is the Field Sampler's name present on COC?	True		10
There are no discrepancies between the containers received and the COC.	True		11
Samples are received within Holding Time (excluding tests with immediate HTs)	True		12
Sample containers have legible labels.	True		13
Containers are not broken or leaking.	True		14
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		

APPENDIX F

CARMONA RESOURCES

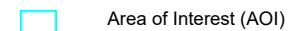


Soil Map—Lea County, New Mexico
(Corvo Federal 3H (10.21.25))

Soil Map—Lea County, New Mexico
(Corvo Federal 3H (10.21.25))

MAP LEGEND

Area of Interest (AOI)



Area of Interest (AOI)

Soils



Soil Map Unit Polygons



Soil Map Unit Lines



Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes

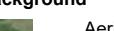


Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 22, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PT	Pyote loamy fine sand	0.1	100.0%
Totals for Area of Interest		0.1	100.0%



Lea County, New Mexico

PT—Pyote loamy fine sand

Map Unit Setting

National map unit symbol: dmqp

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 200 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Pyote and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 25 inches: loamy fine sand

Bt - 25 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High (2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.3 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s



Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

Corvo Federal 3H (10.21.25)

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 7 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 22, Sep 9, 2025



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

1/11/2026
Page 2 of 2

(26)

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains lovegrass (<i>Eragrostis intermedia</i>)	0.5
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sideoats grama (<i>Bouteloua curtipendula</i>)	5.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed \times percent purity \times percent germination = pounds pure live seed

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>

QUESTIONS

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

Action 544594

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2530133498
Incident Name	NAPP2530133498 CORVO FEDERAL 003H @ FAPP2203846438
Incident Type	Release Other
Incident Status	Reclamation Report Received
Incident Facility	[fAPP2203846438] Corvo Federal 4H RT BTTY

Location of Release Source

Please answer all the questions in this group.

Site Name	CORVO FEDERAL 003H
Date Release Discovered	10/21/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

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.

Crude Oil Released (bbls) Details	Cause: Corrosion Flow Line - Production Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Production Produced Water Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	<i>Not answered.</i>
Natural Gas Vented (Mcf) Details	<i>Not answered.</i>
Natural Gas Flared (Mcf) Details	<i>Not answered.</i>
Other Released Details	<i>Not answered.</i>
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	<i>Not answered.</i>

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

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

QUESTIONS, Page 2

Action 544594

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	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)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

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	
<i>The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.</i>	
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	Not answered.

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: 01/20/2026
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QUESTIONS, Page 3

Action 544594

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 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	Greater than 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	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 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)	1130
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	12/22/2025
On what date will (or did) the final sampling or liner inspection occur	12/22/2025
On what date will (or was) the remediation complete(d)	12/22/2025
What is the estimated surface area (in square feet) that will be reclaimed	269
What is the estimated volume (in cubic yards) that will be reclaimed	22
What is the estimated surface area (in square feet) that will be remediated	269
What is the estimated volume (in cubic yards) that will be remediated	22

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.

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QUESTIONS, Page 4

Action 544594

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	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	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	<i>Not answered.</i>
OR is the off-site disposal site, to be used, an NMED facility	<i>Not answered.</i>
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	<i>Not answered.</i>
(In Situ) Soil Vapor Extraction	<i>Not answered.</i>
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	<i>Not answered.</i>
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	<i>Not answered.</i>
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	<i>Not answered.</i>
Ground Water Abatement pursuant to 19.15.30 NMAC	<i>Not answered.</i>
OTHER (Non-listed remedial process)	<i>Not answered.</i>

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: 01/20/2026
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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.

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QUESTIONS, Page 5

Action 544594

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Deferral Requests Only

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.

Requesting a deferral of the remediation closure due date with the approval of this submission	No
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QUESTIONS, Page 6

Action 544594

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	536042
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/22/2025
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	275

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	269
What was the total volume (cubic yards) remediated	22
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	269
What was the total volume (in cubic yards) reclaimed	22
Summarize any additional remediation activities not included by answers (above)	Area was re-seeded with BLM sandy seed mixture

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: 01/20/2026
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QUESTIONS, Page 7

Action 544594

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS**Reclamation Report**

Only answer the questions in this group if all reclamation steps have been completed.

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	269
What was the total volume of replacement material (in cubic yards) for this site	22
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.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	01/06/2026
Summarize any additional reclamation activities not included by answers (above)	Area was re-seeded with BLM sandy seed mixture

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 reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 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: 01/20/2026
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QUESTIONS, Page 8

Action 544594

QUESTIONS (continued)

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	Action Number: 544594
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Revegetation Report

Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.

Requesting a restoration complete approval with this submission	No
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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.

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CONDITIONS

Action 544594

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 544594
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	2/2/2026