



SITE INFORMATION

Closure Report

Cottonberry 20 Federal Com #002H (10.01.2025)

Incident ID: nAPP2527534621

Eddy County, New Mexico

Unit D, Sec 17, T25S, R27E

32.12316°, -104.21032°

Produced Water Release

Point of Release: Equipment Failure at Valve on Well Head

Release Date: 10.01.2025

Volume Released: 8 Barrels of Produced Water

Volume Recovered: 7 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:

Cimarex Energy Co. of Colorado

6001 Deauville Blvd.

Suite 300N

Midland, Texas 79706

Prepared by:

Carmona Resources, LLC

310 West Wall Street

Suite 500

Midland, Texas 79701



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December 2, 2025

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

Re: **Closure Report**
Cottonberry 20 Federal Com #002H (10.01.2025)
Incident ID: nAPP2527534621
Cimarex Energy Co. of Colorado
Site Location: Unit D, S17, T25S, R27E
32.12316°, -104.21032°
Eddy County, New Mexico

Mr. Bratcher:

At the request of Cimarex Energy Co. of Colorado (Cimarex), Carmona Resources LLC has prepared this letter to document the site remediation conducted at the Cottonberry 20 Federal Com #002H at 32.12316°, -104.21032°, within Unit D, S17, T25S, R27E in Eddy 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 1, 2025, due to valve failure at the wellhead. It resulted in approximately eight (8) barrels of produced water being released onto the well pad, with seven (7) barrels of produced water recovered. The release area is approximately 450 square feet (sq ft). The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a high karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a 0.50-mile radius of the location. The nearest identified well is approximately 0.26 miles Southwest of the site in S20, T25S, R27E, and was drilled in 1983. The well has a reported depth to groundwater of 19.67 feet below ground surface (ft bgs) when it was last gauged in 2018. 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: 100 mg/kg (GRO + DRO + MRO).
- Chloride: 600 mg/kg.



4.0 Remediation Activities

Remediation Activities

Beginning on November 17, 2025, Carmona Resources personnel were onsite to supervise the hydro-excavation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on November 17, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of concern was excavated to a depth of 2 ft bgs. A total of four (4) confirmation floor samples (CS-1 through CS-4), and four (4) sidewall samples (SW-1 through SW-4), were collected every 200 square feet to ensure the proper removal of contaminated soil. 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 total petroleum hydrocarbons (TPH) analysis by EPA method 8015 modified, modified benzene, toluene, ethylbenzene, and xylenes (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.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chloride. Refer to Table 1. The excavation depths and confirmation sample locations are shown in Figure 4.

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. A composite sample from the Fred Beard Backfill Pit, located at 32.161928, -104.316363, was collected for laboratory analysis on November 21, 2025, before being utilized. Approximately 33 cubic yards of contaminated material were excavated and transported offsite for proper disposal. See Table 1 & Appendix E for laboratory analysis of the backfill sample.

5.0 Conclusions

Based on the analytical data from the remediation, no further actions are required at the site. Cimarex formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

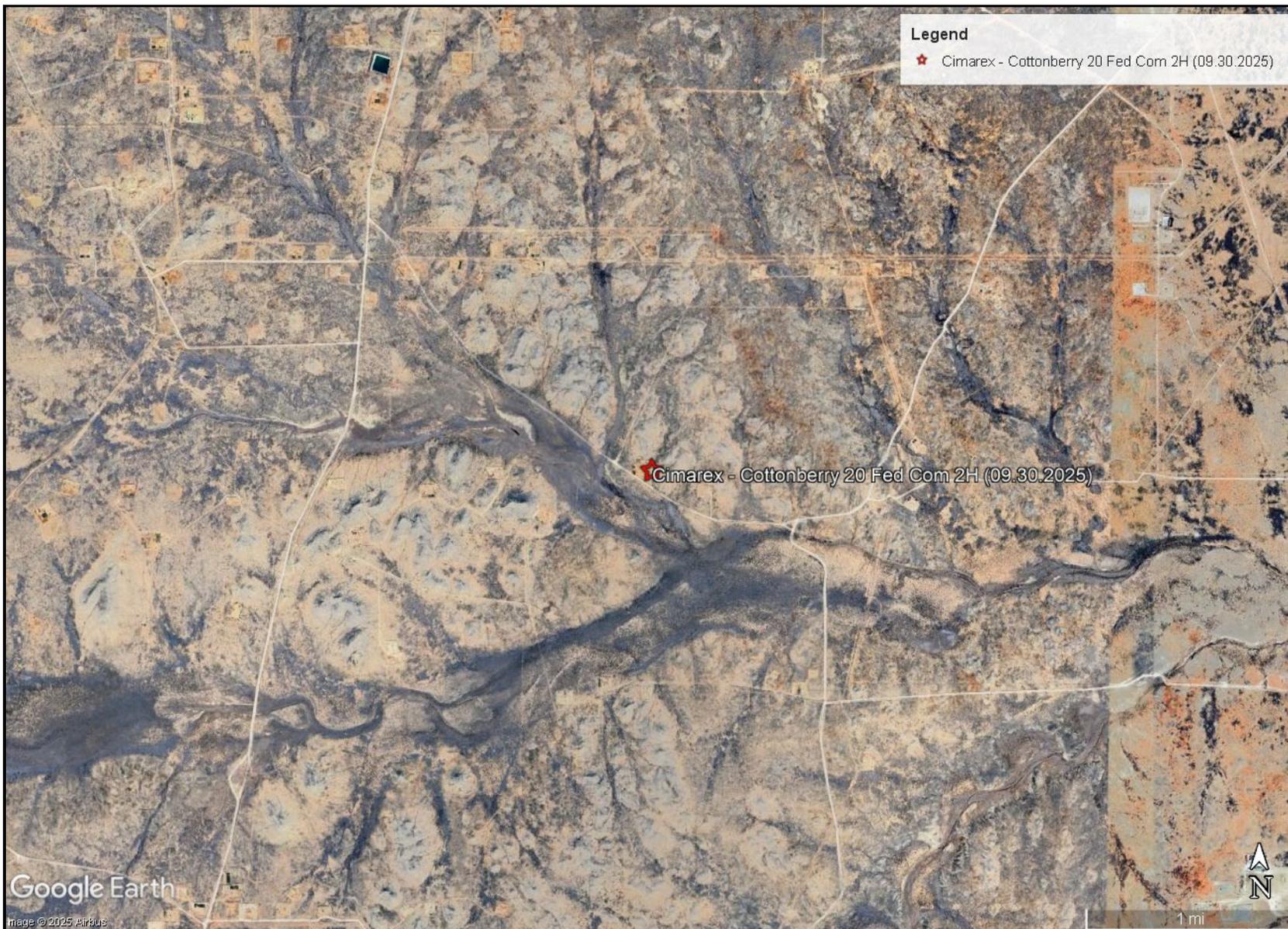
Ashton Thielke
Environmental Manager

Gilbert Priego
Project Manager

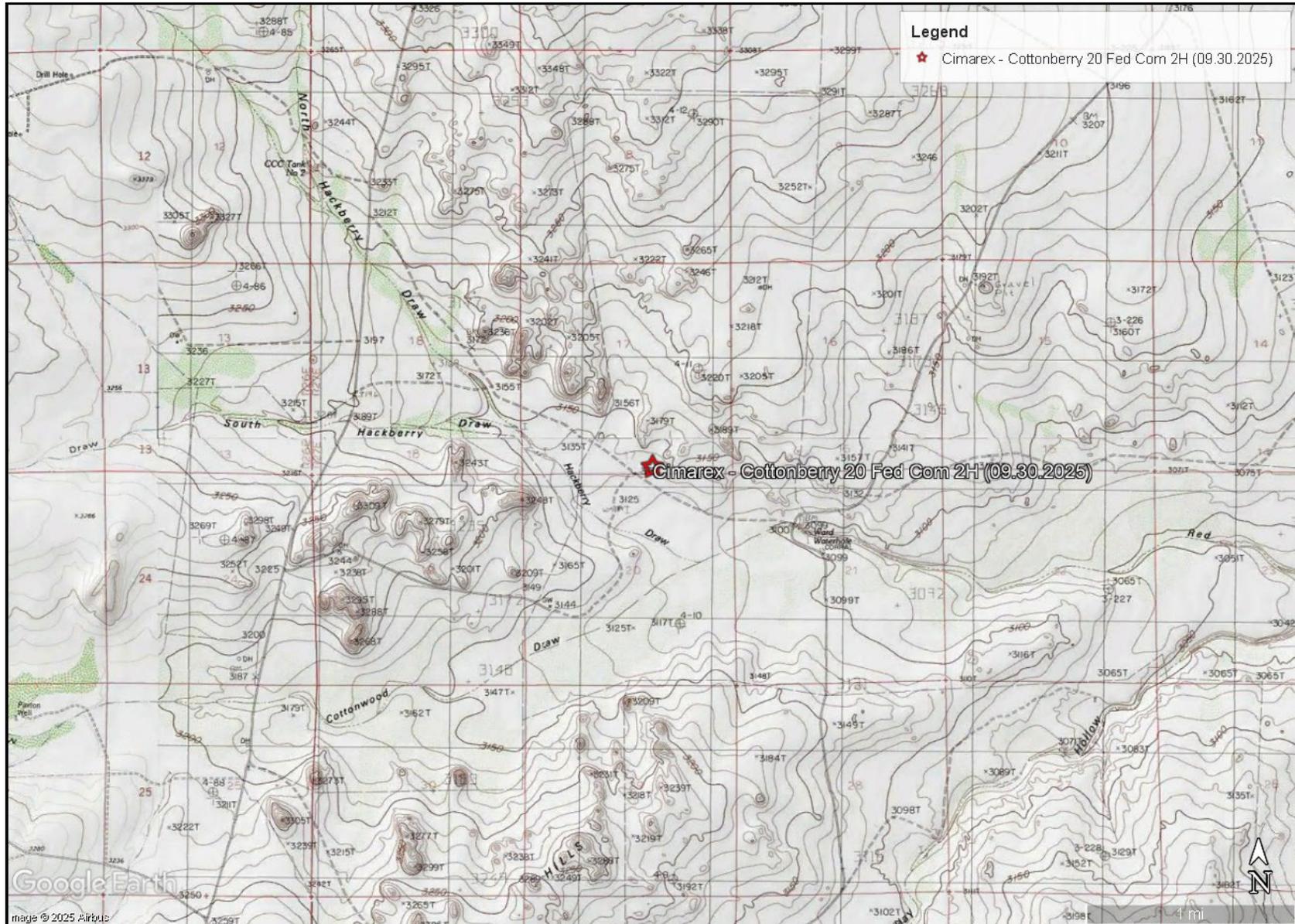
FIGURES

CARMONA RESOURCES





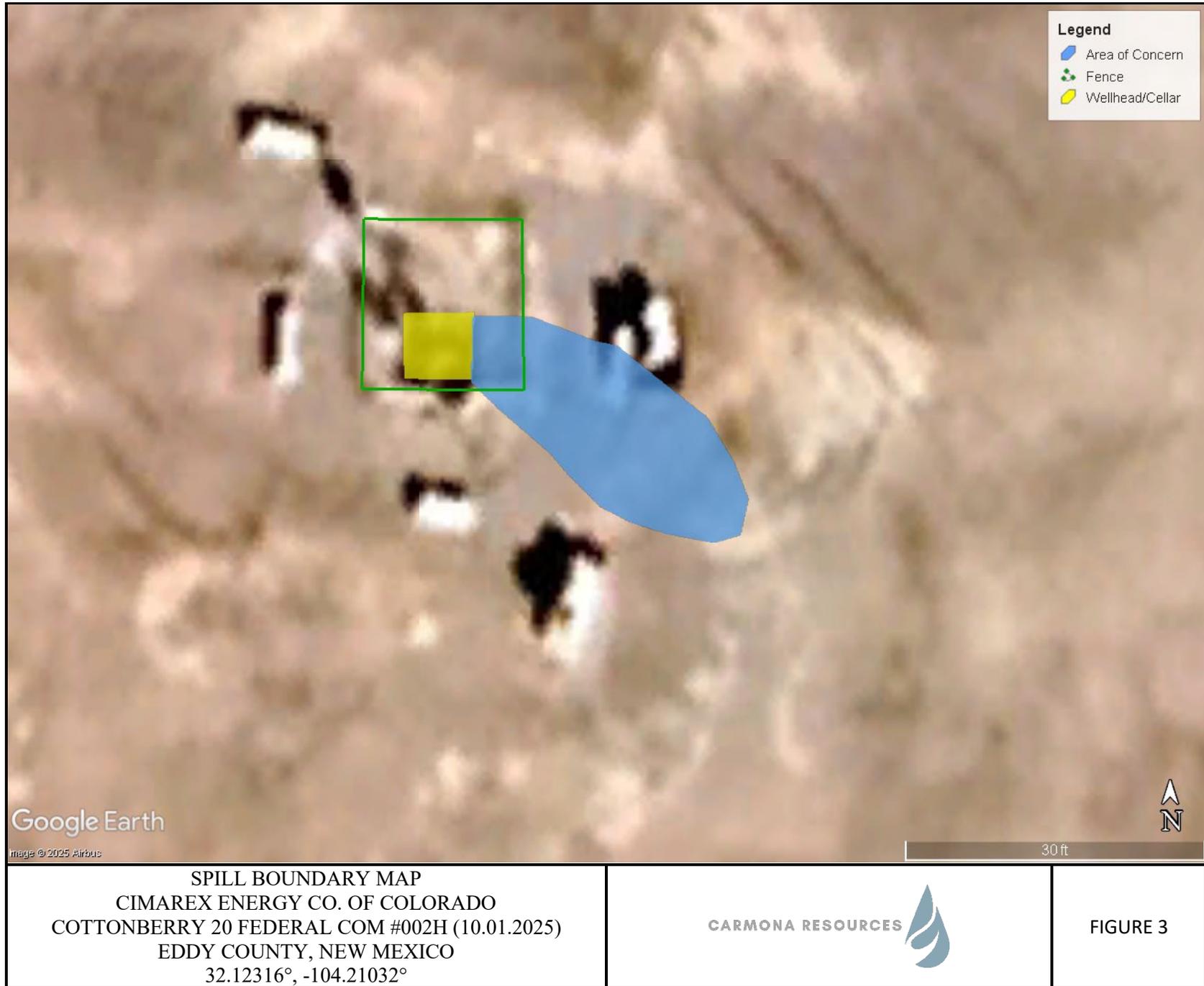
<p>OVERVIEW MAP CIMAREX ENERGY CO. OF COLORADO COTTONBERRY 20 FEDERAL COM #002H (10.01.2025) EDDY COUNTY, NEW MEXICO 32.12316°, -104.21032°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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TOPOGRAPHIC MAP
 CIMAREX ENERGY CO. OF COLORADO
 COTTONBERRY 20 FEDERAL COM #002H (10.01.2025)
 EDDY COUNTY, NEW MEXICO
 32.12316°, -104.21032°



FIGURE 2





APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex Energy Co.
Cottonberry 20 Fed Com 2H (09.30.2025)
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	11/21/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	161
CS-2	11/21/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	101
CS-3	11/21/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	51.2
CS-4	11/21/2025	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	75.4
SW-1	11/21/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	166
SW-2	11/21/2025	2'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	95.9
SW-3	11/21/2025	2'	<49.8	<49.8	51.3	51.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	121
SW-4	11/21/2025	2'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	46.2
Fred Beard Backfill	11/21/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.7
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
^A – Table 1 - 19.15.29 NMAC
 mg/kg - milligram per kilogram
 TPH - Total Petroleum Hydrocarbons
 ft - feet
 (CS) Confirmation Sample
 (SW) Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 1

Facility: Cottonberry 20 Fed Com 2H
(09.30.2025)

County: Eddy County, New Mexico

Description:
View North, area of S-1 through S-4 after hydro-
excavation activities.



Photograph No. 2

Facility: Cottonberry 20 Fed Com 2H
(09.30.2025)

County: Eddy County, New Mexico

Description:
View North, area of S-1 and S-2 after hydro-excavation
activities.



Photograph No. 3

Facility: Cottonberry 20 Fed Com 2H
(09.30.2025)

County: Eddy County, New Mexico

Description:
View West, area of S-2 through S-4 after hydro-
excavation activities.



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 508682

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 508682
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Cottonberry 2H
Date Release Discovered	10/01/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 8 BBL Recovered: 7 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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QUESTIONS, Page 2

Action 508682

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 508682
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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ACKNOWLEDGMENTS

Action 508682

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 508682
	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.

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

CONDITIONS

Action 508682

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 508682
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
nrose	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/2/2025



CIMAREX ENERGY
Cottonberry 20 Fed Com 2H
EDDY, NM

10:24

< Back

Circle Shape Spill

Cottonberry 2h

Diameter...	Depth (In)	Oil %
4	36	50

Oil Spill Total: 3.36 Bbls
Total Spilled: 6.71 Bbls
Total Spilled: 281.94 Gals

Add Section to Spill

"2h"

q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123 space return

10:05

< Home

Saturated Soil Calculation

Cottonberry 2h

L(Ft)	W(Ft)	D(In)	Oil %
21	13	1	50

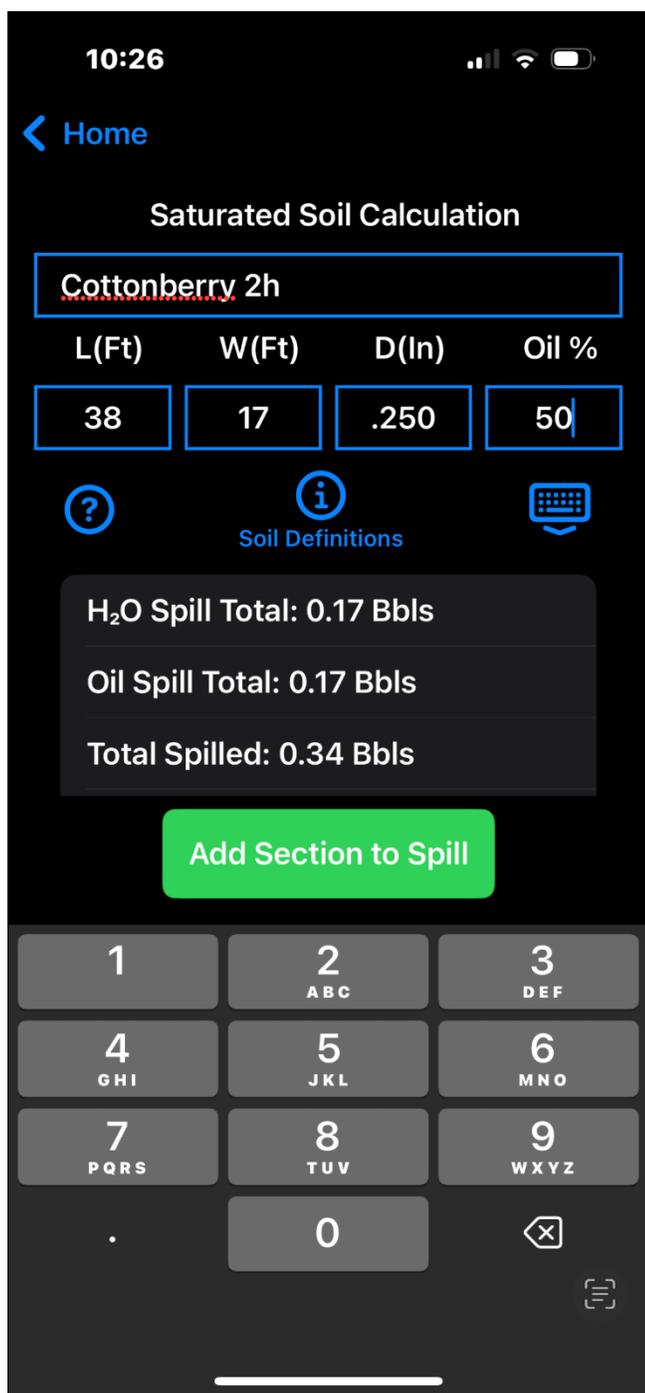
Oil Spill Total: 0.28 Bbls
Total Spilled: 0.57 Bbls
Total Spilled: 23.82 Gals

Add Section to Spill

1 2 3
ABC DEF
4 5 6
GHI JKL MNO
7 8 9
PQRS TUV WXYZ
0



CIMAREX ENERGY
Cottonberry 20 Fed Com 2H
EDDY, NM



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State of New Mexico
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Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 521804

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521804
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527534621
Incident Name	NAPP2527534621 COTTONBERRY 2H @ 30-015-43455
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-015-43455] COTTONBERRY 20 FEDERAL COM #002H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	COTTONBERRY 2H
Date Release Discovered	10/01/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 8 BBL Recovered: 7 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 521804

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521804
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

Initial Response

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

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

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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: Nathaniel Rose Title: EHS Specialists Email: nathaniel.rose@coterra.com Date: 10/30/2025
--	---

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1220 S. St Francis Dr.
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QUESTIONS, Page 3

Action 521804

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521804
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

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

Remediation Plan

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

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

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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 521804

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521804
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Initial C-141 is approved. Please note that the due date was 10/16/2025.	10/31/2025

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

General Information
Phone: (505) 629-6116

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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 526944

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 526944
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527534621
Incident Name	NAPP2527534621 COTTONBERRY 2H @ 30-015-43455
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-015-43455] COTTONBERRY 20 FEDERAL COM #002H

Location of Release Source	
Site Name	COTTONBERRY 2H
Date Release Discovered	10/01/2025
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	450
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/21/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988
Please provide any information necessary for navigation to sampling site	32.12316,-104.21032

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 526944

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 526944
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	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.	11/17/2025
athielke	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.	11/17/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

Coterra Energy Operating Co.

Legend

- 0.26 Miles
- 0.50 Mile Radius
- 1.47 Miles
- 2.52 Miles
- Cottonberry 20 Fed Com 2H (09.30.2025)
- USGS Water Well

8.21' - Drilled 1987

19.67' - Drilled 2018

Cottonberry 20 Fed Com 2H (09.30.2025)

16.85' - Gauged 2025



High Karst

Coterra Energy Operating Co.

Legend

-  Cottonberry 20 Fed Com 2H (09.30.2025)
-  High

Cottonberry 20 Fed Com 2H (09.30.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 03261 POD1		CUB	ED	SW	NE	NW	20	25S	27E	574007.0	3554006.0 *		599	351		
C 03262 POD1		CUB	ED	NE	NW	NE	22	25S	27E	577837.0	3554244.0 *		3348	75		
C 03654 POD1		CUB	ED	NE	SW	NW	24	25S	26E	570654.5	3553773.1		3880			
C 02221		CUB	ED	SE	SW	NE	25	25S	26E	571412.0	3551961.0 *		3903	35		

Average Depth to Water: **0 feet**

Minimum Depth: **0 feet**

Maximum Depth: **0 feet**

Record Count: 4

UTM Filters (in meters):

Easting: 574490.65

Northing: 3554360.15

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.



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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list =
• 320711104122701

Minimum number of levels = 1

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USGS 320711104122701 25S.27E.20.21344

Eddy County, New Mexico

Latitude 32°07'12.5", Longitude 104°12'45.6" NAD83

Land-surface elevation 3,125.10 feet above NGVD29

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1983-02-02			D 62610		3106.22	NGVD29	1	Z			A
1983-02-02			D 62611		3107.86	NAVD88	1	Z			A
1983-02-02			D 72019	18.88			1	Z			A
1987-10-09			D 62610		3109.96	NGVD29	1	Z			A
1987-10-09			D 62611		3111.60	NAVD88	1	Z			A
1987-10-09			D 72019	15.14			1	Z			A
1992-11-20			D 62610		3106.49	NGVD29	1	S			A
1992-11-20			D 62611		3108.13	NAVD88	1	S			A
1992-11-20			D 72019	18.61			1	S			A
1998-01-07			D 62610		3104.23	NGVD29	1	S			A
1998-01-07			D 62611		3105.87	NAVD88	1	S			A
1998-01-07			D 72019	20.87			1	S			A
2003-01-29			D 62610		3102.27	NGVD29	1	S	USGS	S	A
2003-01-29			D 62611		3103.91	NAVD88	1	S	USGS	S	A
2003-01-29			D 72019	22.83			1	S	USGS	S	A
2013-01-09	23:30 UTC		m 62610		3101.48	NGVD29	1	S	USGS	S	A
2013-01-09	23:30 UTC		m 62611		3103.12	NAVD88	1	S	USGS	S	A
2013-01-09	23:30 UTC		m 72019	23.62			1	S	USGS	S	A
2018-01-09	23:24 UTC		m 62610		3105.43	NGVD29	1	V	USGS	S	A
2018-01-09	23:24 UTC		m 62611		3107.07	NAVD88	1	V	USGS	S	A
2018-01-09	23:24 UTC		m 72019	19.67			1	V	USGS	S	A

Explanation

Section	Code	Description
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10/2/25, 8:01 AM

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

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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



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0.38 0.3 nadww01



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Search Results -- 1 sites found

Agency code = usgs
site_no list =
• 320737104140602

Minimum number of levels = 1

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USGS 320737104140602 25S.26E.13.44222 A

Eddy County, New Mexico

Latitude 32°07'37", Longitude 104°14'06" NAD27

Land-surface elevation 3,198 feet above NAVD88

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

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

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1983-02-01			D 62610		3187.92	NGVD29	1	Z			A
1983-02-01			D 62611		3189.58	NAVD88	1	Z			A
1983-02-01			D 72019	8.42			1	Z			A
1987-10-08			D 62610		3188.13	NGVD29	1	Z			A
1987-10-08			D 62611		3189.79	NAVD88	1	Z			A
1987-10-08			D 72019	8.21			1	Z			A

Explanation

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

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0.36 0.3 nadww01



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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
site_no list = 320627104101801

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 320627104101801 25S.27E.27.21242 498

Eddy County, New Mexico
Latitude 32°06'25.92", Longitude 104°10'27.98" NAD83
Land-surface elevation 3,064 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1983-02-02			D 62610		3049.96	NGVD29	1	Z			A
1983-02-02			D 62611		3051.58	NAVD88	1	Z			A
1983-02-02			D 72019	12.42			1	Z			A
1987-10-09			D 62610		3051.85	NGVD29	1	Z			A
1987-10-09			D 62611		3053.47	NAVD88	1	Z			A
1987-10-09			D 72019	10.53			1	Z			A
1992-12-08			D 62610		3050.12	NGVD29	1	S			A
1992-12-08			D 62611		3051.74	NAVD88	1	S			A
1992-12-08			D 72019	12.26			1	S			A
1998-01-07			D 62610		3048.19	NGVD29	1	S			A
1998-01-07			D 62611		3049.81	NAVD88	1	S			A
1998-01-07			D 72019	14.19			1	S			A
2003-01-29			D 62610		3045.95	NGVD29	1	S	USGS		A
2003-01-29			D 62611		3047.57	NAVD88	1	S	USGS		A
2003-01-29			D 72019	16.43			1	S	USGS		A
2022-01-13	14:35 UTC		m 62610		3046.65	NGVD29	1	V	USGS		A
2022-01-13	14:35 UTC		m 62611		3048.27	NAVD88	1	V	USGS		A
2022-01-13	14:35 UTC		m 72019	15.73			1	V	USGS		A
2023-02-14	16:05 UTC		m 62610		3046.27	NGVD29	1	S	USGS		A
2023-02-14	16:05 UTC		m 62611		3047.89	NAVD88	1	S	USGS		A
2023-02-14	16:05 UTC		m 72019	16.11			1	S	USGS		A
2024-03-08	15:07 UTC		m 62610		3045.89	NGVD29	P	S	USGS		A
2024-03-08	15:07 UTC		m 62611		3047.51	NAVD88	P	S	USGS		A
2024-03-08	15:07 UTC		m 72019	16.49			P	S	USGS		A
2025-01-02	20:38 UTC		m 62610		3045.53	NGVD29	1	S	USGS		A
2025-01-02	20:38 UTC		m 62611		3047.15	NAVD88	1	S	USGS		A

10/2/25, 8:03 AM

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
2025-01-02	20:38 UTC		m	72019	16.85		1	S	USGS	S	A

Explanation

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

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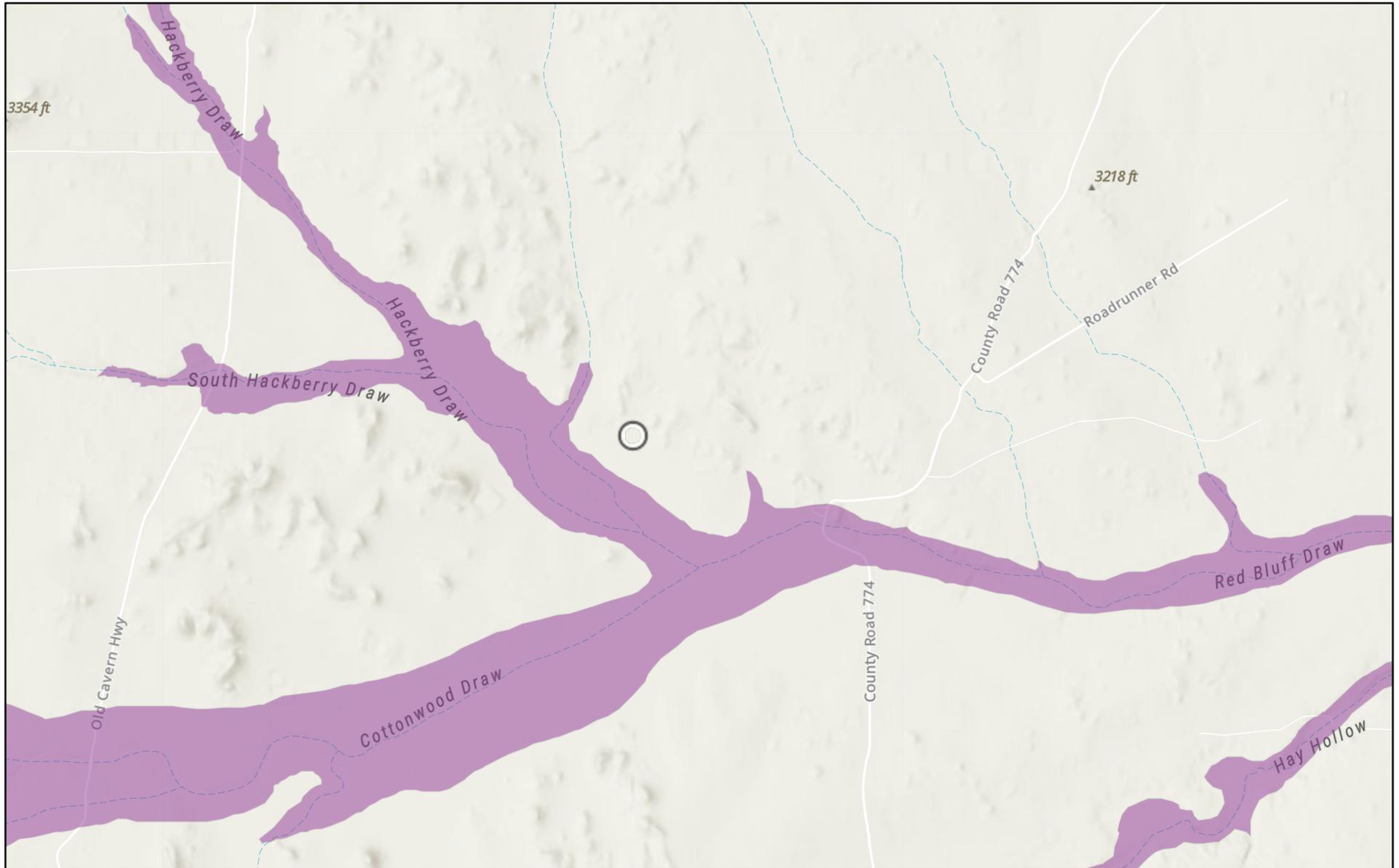


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0.38 0.32 nadww02

Cottonberry 20 Fed Com 2H (09.30.2025)

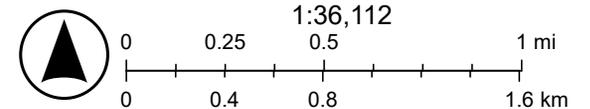


10/2/2025

USA Flood Hazard Areas

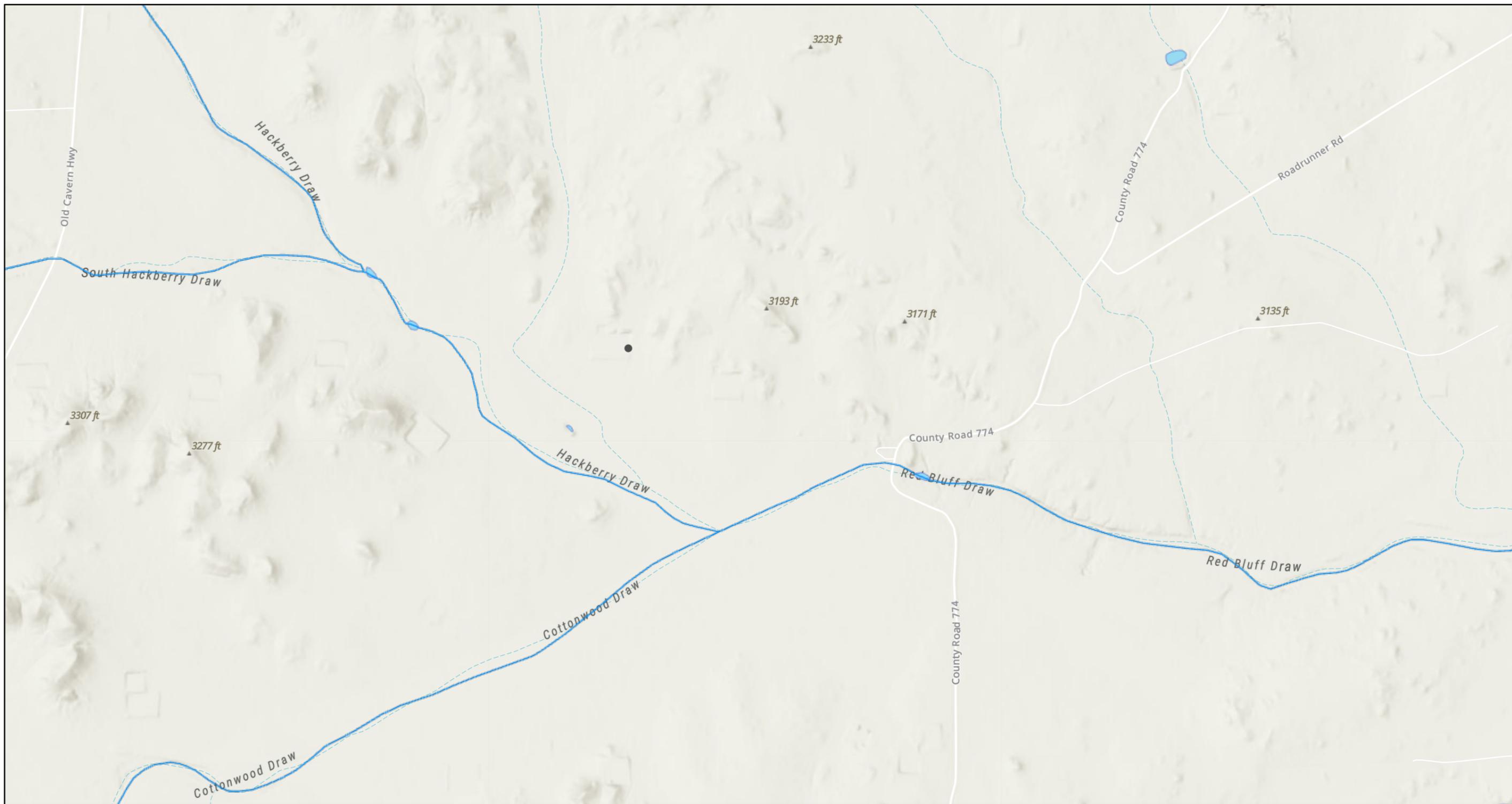
 1% Annual Chance Flood Hazard

World_Hillshade



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

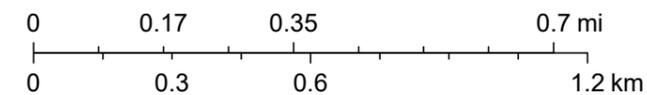
Cottonberry 20 Fed Com 2H (09.30.2025)



10/2/2025, 7:59:19 AM

- OSW Water Bodys
- OSE Streams

1:18,056



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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/26/2025 1:48:27 PM

JOB DESCRIPTION

Cottonberry 20 Fed com 2H
 3027

JOB NUMBER

890-9126-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
11/26/2025 1:48:27 PM

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

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Client: Carmona Resources
Project/Site: Cottonberry 20 Fed com 2H

Laboratory Job ID: 890-9126-1
SDG: 3027

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
SDG: 3027

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, 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: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1

Job ID: 890-9126-1

Eurofins Carlsbad

Job Narrative 890-9126-1

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 11/21/2025 3:15 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 0.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (2.0) (890-9126-1), CS-2 (2.0) (890-9126-2), CS-3 (2.0) (890-9126-3), CS-4 (2.0) (890-9126-4), SW-1 (2.0) (890-9126-5), SW-2 (2.0) (890-9126-6), SW-3 (2.0) (890-9126-7) and SW-4 (2.0) (890-9126-8).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-124971 and analytical batch 880-124998 was outside the control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124971 and analytical batch 880-124998 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: Surrogate recovery for the following sample was outside control limits: (LCS 880-124716/2-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: CS-1 (2.0) (890-9126-1), CS-2 (2.0) (890-9126-2), CS-3 (2.0) (890-9126-3), CS-4 (2.0) (890-9126-4), SW-1 (2.0) (890-9126-5), SW-3 (2.0) (890-9126-7), (LCSD 880-124716/3-A), (880-65319-A-89-D), (880-65319-A-89-E MS) and (880-65319-A-89-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: SW-2 (2.0) (890-9126-6) and SW-4 (2.0) (890-9126-8). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: CS-1 (2.0)

Lab Sample ID: 890-9126-1

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 17:02	11/25/25 10:58	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:58	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:58	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		11/24/25 17:02	11/25/25 10:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:58	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		11/24/25 17:02	11/25/25 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	11/24/25 17:02	11/25/25 10:58	1
1,4-Difluorobenzene (Surr)	72		70 - 130	11/24/25 17:02	11/25/25 10:58	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			11/25/25 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/24/25 15:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 15:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 15:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 15:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130	11/21/25 13:18	11/24/25 15:17	1
o-Terphenyl (Surr)	127		70 - 130	11/21/25 13:18	11/24/25 15:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	161		10.0		mg/Kg			11/24/25 18:46	1

Client Sample ID: CS-2 (2.0)

Lab Sample ID: 890-9126-2

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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 17:02	11/25/25 11:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/25 17:02	11/25/25 11:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/25 17:02	11/25/25 11:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/25 17:02	11/25/25 11:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/25 17:02	11/25/25 11:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/25 17:02	11/25/25 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	11/24/25 17:02	11/25/25 11:19	1
1,4-Difluorobenzene (Surr)	74		70 - 130	11/24/25 17:02	11/25/25 11:19	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: CS-2 (2.0)

Lab Sample ID: 890-9126-2

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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			11/25/25 11:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/24/25 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 15:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 15:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130				11/21/25 13:18	11/24/25 15:31	1
o-Terphenyl (Surr)	127		70 - 130				11/21/25 13:18	11/24/25 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		10.1		mg/Kg			11/24/25 19:01	1

Client Sample ID: CS-3 (2.0)

Lab Sample ID: 890-9126-3

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 17:02	11/25/25 11:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/25 17:02	11/25/25 11:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/25 17:02	11/25/25 11:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/25 17:02	11/25/25 11:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/25 17:02	11/25/25 11:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/25 17:02	11/25/25 11:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130				11/24/25 17:02	11/25/25 11:39	1
1,4-Difluorobenzene (Surr)	73		70 - 130				11/24/25 17:02	11/25/25 11:39	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			11/25/25 11:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/24/25 15:44	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		11/21/25 13:18	11/24/25 15:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 15:44	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: CS-3 (2.0)

Lab Sample ID: 890-9126-3

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/21/25 13:18	11/24/25 15:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	149	S1+	70 - 130				11/21/25 13:18	11/24/25 15:44	1
o-Terphenyl (Surr)	128		70 - 130				11/21/25 13:18	11/24/25 15:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.2		10.1		mg/Kg			11/24/25 19:07	1

Client Sample ID: CS-4 (2.0)

Lab Sample ID: 890-9126-4

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 17:02	11/25/25 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 12:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/24/25 17:02	11/25/25 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 12:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/24/25 17:02	11/25/25 12:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				11/24/25 17:02	11/25/25 12:00	1
1,4-Difluorobenzene (Surr)	72		70 - 130				11/24/25 17:02	11/25/25 12:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/25/25 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/24/25 15:59	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	<49.8	U	49.8		mg/Kg		11/21/25 13:18	11/24/25 15:59	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/21/25 13:18	11/24/25 15:59	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/21/25 13:18	11/24/25 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130				11/21/25 13:18	11/24/25 15:59	1
o-Terphenyl (Surr)	122		70 - 130				11/21/25 13:18	11/24/25 15:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.4		10.0		mg/Kg			11/24/25 19:12	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: SW-1 (2.0)

Lab Sample ID: 890-9126-5

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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 17:02	11/25/25 12:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/24/25 17:02	11/25/25 12:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/24/25 17:02	11/25/25 12:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/24/25 17:02	11/25/25 12:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/24/25 17:02	11/25/25 12:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/24/25 17:02	11/25/25 12:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	11/24/25 17:02	11/25/25 12:20	1
1,4-Difluorobenzene (Surr)	74		70 - 130	11/24/25 17:02	11/25/25 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			11/25/25 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	<49.9	U	49.9		mg/Kg			11/24/25 16:12	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	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 16:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 16:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130	11/21/25 13:18	11/24/25 16:12	1
o-Terphenyl (Surr)	128		70 - 130	11/21/25 13:18	11/24/25 16:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	166		9.98		mg/Kg			11/24/25 19:17	1

Client Sample ID: SW-2 (2.0)

Lab Sample ID: 890-9126-6

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 17:02	11/25/25 12:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/24/25 17:02	11/25/25 12:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/24/25 17:02	11/25/25 12:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/24/25 17:02	11/25/25 12:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/24/25 17:02	11/25/25 12:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/24/25 17:02	11/25/25 12:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	11/24/25 17:02	11/25/25 12:41	1
1,4-Difluorobenzene (Surr)	76		70 - 130	11/24/25 17:02	11/25/25 12:41	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: SW-2 (2.0)

Lab Sample ID: 890-9126-6

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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			11/25/25 12:41	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			11/24/25 17:07	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	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 17:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 17:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	150	S1+	70 - 130				11/21/25 13:18	11/24/25 17:07	1
o-Terphenyl (Surr)	131	S1+	70 - 130				11/21/25 13:18	11/24/25 17:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.9		9.96		mg/Kg			11/24/25 19:33	1

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9126-7

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 17:02	11/25/25 13:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/25 17:02	11/25/25 13:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/25 17:02	11/25/25 13:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/25 17:02	11/25/25 13:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/25 17:02	11/25/25 13:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/25 17:02	11/25/25 13:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				11/24/25 17:02	11/25/25 13:01	1
1,4-Difluorobenzene (Surr)	76		70 - 130				11/24/25 17:02	11/25/25 13:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/25/25 13:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	51.3		49.8		mg/Kg			11/24/25 16:40	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		11/21/25 13:18	11/24/25 16:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/21/25 13:18	11/24/25 16:40	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9126-7

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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)	51.3		49.8		mg/Kg		11/21/25 13:18	11/24/25 16:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	140	S1+	70 - 130				11/21/25 13:18	11/24/25 16:40	1
o-Terphenyl (Surr)	120		70 - 130				11/21/25 13:18	11/24/25 16:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		10.0		mg/Kg			11/24/25 19:38	1

Client Sample ID: SW-4 (2.0)

Lab Sample ID: 890-9126-8

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 17:02	11/25/25 13:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/24/25 17:02	11/25/25 13:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/24/25 17:02	11/25/25 13:22	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/24/25 17:02	11/25/25 13:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/24/25 17:02	11/25/25 13:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/24/25 17:02	11/25/25 13:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				11/24/25 17:02	11/25/25 13:22	1
1,4-Difluorobenzene (Surr)	74		70 - 130				11/24/25 17:02	11/25/25 13:22	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			11/25/25 13:22	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			11/24/25 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 16:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 16:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/21/25 13:18	11/24/25 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130				11/21/25 13:18	11/24/25 16:53	1
o-Terphenyl (Surr)	133	S1+	70 - 130				11/21/25 13:18	11/24/25 16:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.2		10.0		mg/Kg			11/24/25 19:43	1

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

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)
890-9126-1	CS-1 (2.0)	77	72
890-9126-1 MS	CS-1 (2.0)	74	89
890-9126-1 MSD	CS-1 (2.0)	89	91
890-9126-2	CS-2 (2.0)	81	74
890-9126-3	CS-3 (2.0)	76	73
890-9126-4	CS-4 (2.0)	81	72
890-9126-5	SW-1 (2.0)	76	74
890-9126-6	SW-2 (2.0)	83	76
890-9126-7	SW-3 (2.0)	82	76
890-9126-8	SW-4 (2.0)	77	74
LCS 880-124971/1-A	Lab Control Sample	103	102
LCSD 880-124971/2-A	Lab Control Sample Dup	105	104
MB 880-124971/5-A	Method Blank	73	67 S1-

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)
880-65319-A-89-E MS	Matrix Spike	157 S1+	119
880-65319-A-89-F MSD	Matrix Spike Duplicate	156 S1+	118
890-9126-1	CS-1 (2.0)	144 S1+	127
890-9126-2	CS-2 (2.0)	147 S1+	127
890-9126-3	CS-3 (2.0)	149 S1+	128
890-9126-4	CS-4 (2.0)	138 S1+	122
890-9126-5	SW-1 (2.0)	147 S1+	128
890-9126-6	SW-2 (2.0)	150 S1+	131 S1+
890-9126-7	SW-3 (2.0)	140 S1+	120
890-9126-8	SW-4 (2.0)	156 S1+	133 S1+
LCS 880-124716/2-A	Lab Control Sample	175 S1+	134 S1+
LCSD 880-124716/3-A	Lab Control Sample Dup	165 S1+	124
MB 880-124716/1-A	Method Blank	85	86

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124971/5-A
 Matrix: Solid
 Analysis Batch: 124998

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 124971

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/25 17:02	11/25/25 10:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/25 17:02	11/25/25 10:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/25 17:02	11/25/25 10:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	11/24/25 17:02	11/25/25 10:37	1
1,4-Difluorobenzene (Surr)	67	S1-	70 - 130	11/24/25 17:02	11/25/25 10:37	1

Lab Sample ID: LCS 880-124971/1-A
 Matrix: Solid
 Analysis Batch: 124998

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 124971

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09603		mg/Kg		96	70 - 130
Toluene	0.100	0.08817		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09815		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1787		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09566		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-124971/2-A
 Matrix: Solid
 Analysis Batch: 124998

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 124971

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09839		mg/Kg		98	70 - 130	2	35
Toluene	0.100	0.09478		mg/Kg		95	70 - 130	7	35
Ethylbenzene	0.100	0.1087		mg/Kg		109	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1996		mg/Kg		100	70 - 130	11	35
o-Xylene	0.100	0.1069		mg/Kg		107	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-9126-1 MS
 Matrix: Solid
 Analysis Batch: 124998

Client Sample ID: CS-1 (2.0)
 Prep Type: Total/NA
 Prep Batch: 124971

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.03595	F1	mg/Kg		36	70 - 130
Toluene	<0.00200	U F1	0.100	0.05808	F1	mg/Kg		58	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

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

Lab Sample ID: 890-9126-1 MS

Client Sample ID: CS-1 (2.0)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124998

Prep Batch: 124971

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.06597	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1133	F1	mg/Kg		57	70 - 130
o-Xylene	<0.00200	U	0.100	0.08157		mg/Kg		82	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	74		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-9126-1 MSD

Client Sample ID: CS-1 (2.0)

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124998

Prep Batch: 124971

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U F1	0.100	0.03462	F1	mg/Kg		35	70 - 130	4	35
Toluene	<0.00200	U F1	0.100	0.06219	F1	mg/Kg		62	70 - 130	7	35
Ethylbenzene	<0.00200	U F1	0.100	0.07264		mg/Kg		73	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1261	F1	mg/Kg		63	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.09178		mg/Kg		92	70 - 130	12	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

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

Lab Sample ID: MB 880-124716/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124872

Prep Batch: 124716

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		11/21/25 13:18	11/24/25 08:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 08:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/21/25 13:18	11/24/25 08:47	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	85		70 - 130	11/21/25 13:18	11/24/25 08:47	1
o-Terphenyl (Surr)	86		70 - 130	11/21/25 13:18	11/24/25 08:47	1

Lab Sample ID: LCS 880-124716/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 124872

Prep Batch: 124716

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Gasoline Range Organics (GRO)-C6-C10	1000	1036		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1129		mg/Kg		113	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

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

Lab Sample ID: LCS 880-124716/2-A
Matrix: Solid
Analysis Batch: 124872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 124716

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	175	S1+	70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: LCSD 880-124716/3-A
Matrix: Solid
Analysis Batch: 124872

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 124716

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	1000	1048		mg/Kg		105	70 - 130	7		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	165	S1+	70 - 130
o-Terphenyl (Surr)	124		70 - 130

Lab Sample ID: 880-65319-A-89-E MS
Matrix: Solid
Analysis Batch: 124872

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 124716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	864.4		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	921.2		mg/Kg		90	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	157	S1+	70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: 880-65319-A-89-F MSD
Matrix: Solid
Analysis Batch: 124872

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 124716

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	864.9		mg/Kg		85	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	970.2		mg/Kg		95	70 - 130	5		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	156	S1+	70 - 130
o-Terphenyl (Surr)	118		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-124899/1-A
 Matrix: Solid
 Analysis Batch: 124917

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			11/24/25 18:30	1

Lab Sample ID: LCS 880-124899/2-A
 Matrix: Solid
 Analysis Batch: 124917

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.3		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-124899/3-A
 Matrix: Solid
 Analysis Batch: 124917

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.1		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-9126-1 MS
 Matrix: Solid
 Analysis Batch: 124917

Client Sample ID: CS-1 (2.0)
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	161		251	399.2		mg/Kg		95	90 - 110

Lab Sample ID: 890-9126-1 MSD
 Matrix: Solid
 Analysis Batch: 124917

Client Sample ID: CS-1 (2.0)
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	161		251	399.9		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

GC VOA

Prep Batch: 124971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Total/NA	Solid	5035	
890-9126-2	CS-2 (2.0)	Total/NA	Solid	5035	
890-9126-3	CS-3 (2.0)	Total/NA	Solid	5035	
890-9126-4	CS-4 (2.0)	Total/NA	Solid	5035	
890-9126-5	SW-1 (2.0)	Total/NA	Solid	5035	
890-9126-6	SW-2 (2.0)	Total/NA	Solid	5035	
890-9126-7	SW-3 (2.0)	Total/NA	Solid	5035	
890-9126-8	SW-4 (2.0)	Total/NA	Solid	5035	
MB 880-124971/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124971/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124971/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9126-1 MS	CS-1 (2.0)	Total/NA	Solid	5035	
890-9126-1 MSD	CS-1 (2.0)	Total/NA	Solid	5035	

Analysis Batch: 124998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Total/NA	Solid	8021B	124971
890-9126-2	CS-2 (2.0)	Total/NA	Solid	8021B	124971
890-9126-3	CS-3 (2.0)	Total/NA	Solid	8021B	124971
890-9126-4	CS-4 (2.0)	Total/NA	Solid	8021B	124971
890-9126-5	SW-1 (2.0)	Total/NA	Solid	8021B	124971
890-9126-6	SW-2 (2.0)	Total/NA	Solid	8021B	124971
890-9126-7	SW-3 (2.0)	Total/NA	Solid	8021B	124971
890-9126-8	SW-4 (2.0)	Total/NA	Solid	8021B	124971
MB 880-124971/5-A	Method Blank	Total/NA	Solid	8021B	124971
LCS 880-124971/1-A	Lab Control Sample	Total/NA	Solid	8021B	124971
LCSD 880-124971/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124971
890-9126-1 MS	CS-1 (2.0)	Total/NA	Solid	8021B	124971
890-9126-1 MSD	CS-1 (2.0)	Total/NA	Solid	8021B	124971

Analysis Batch: 125183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-2	CS-2 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-3	CS-3 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-4	CS-4 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-5	SW-1 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-6	SW-2 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-7	SW-3 (2.0)	Total/NA	Solid	Total BTEX	
890-9126-8	SW-4 (2.0)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 124716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Total/NA	Solid	8015NM Prep	
890-9126-2	CS-2 (2.0)	Total/NA	Solid	8015NM Prep	
890-9126-3	CS-3 (2.0)	Total/NA	Solid	8015NM Prep	
890-9126-4	CS-4 (2.0)	Total/NA	Solid	8015NM Prep	
890-9126-5	SW-1 (2.0)	Total/NA	Solid	8015NM Prep	
890-9126-6	SW-2 (2.0)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

GC Semi VOA (Continued)

Prep Batch: 124716 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-7	SW-3 (2.0)	Total/NA	Solid	8015NM Prep	
890-9126-8	SW-4 (2.0)	Total/NA	Solid	8015NM Prep	
MB 880-124716/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124716/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124716/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65319-A-89-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-65319-A-89-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-2	CS-2 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-3	CS-3 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-4	CS-4 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-5	SW-1 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-6	SW-2 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-7	SW-3 (2.0)	Total/NA	Solid	8015B NM	124716
890-9126-8	SW-4 (2.0)	Total/NA	Solid	8015B NM	124716
MB 880-124716/1-A	Method Blank	Total/NA	Solid	8015B NM	124716
LCS 880-124716/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124716
LCSD 880-124716/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124716
880-65319-A-89-E MS	Matrix Spike	Total/NA	Solid	8015B NM	124716
880-65319-A-89-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	124716

Analysis Batch: 124976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Total/NA	Solid	8015 NM	
890-9126-2	CS-2 (2.0)	Total/NA	Solid	8015 NM	
890-9126-3	CS-3 (2.0)	Total/NA	Solid	8015 NM	
890-9126-4	CS-4 (2.0)	Total/NA	Solid	8015 NM	
890-9126-5	SW-1 (2.0)	Total/NA	Solid	8015 NM	
890-9126-6	SW-2 (2.0)	Total/NA	Solid	8015 NM	
890-9126-7	SW-3 (2.0)	Total/NA	Solid	8015 NM	
890-9126-8	SW-4 (2.0)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 124899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Soluble	Solid	DI Leach	
890-9126-2	CS-2 (2.0)	Soluble	Solid	DI Leach	
890-9126-3	CS-3 (2.0)	Soluble	Solid	DI Leach	
890-9126-4	CS-4 (2.0)	Soluble	Solid	DI Leach	
890-9126-5	SW-1 (2.0)	Soluble	Solid	DI Leach	
890-9126-6	SW-2 (2.0)	Soluble	Solid	DI Leach	
890-9126-7	SW-3 (2.0)	Soluble	Solid	DI Leach	
890-9126-8	SW-4 (2.0)	Soluble	Solid	DI Leach	
MB 880-124899/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124899/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124899/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9126-1 MS	CS-1 (2.0)	Soluble	Solid	DI Leach	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

HPLC/IC (Continued)

Leach Batch: 124899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1 MSD	CS-1 (2.0)	Soluble	Solid	DI Leach	

Analysis Batch: 124917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9126-1	CS-1 (2.0)	Soluble	Solid	300.0	124899
890-9126-2	CS-2 (2.0)	Soluble	Solid	300.0	124899
890-9126-3	CS-3 (2.0)	Soluble	Solid	300.0	124899
890-9126-4	CS-4 (2.0)	Soluble	Solid	300.0	124899
890-9126-5	SW-1 (2.0)	Soluble	Solid	300.0	124899
890-9126-6	SW-2 (2.0)	Soluble	Solid	300.0	124899
890-9126-7	SW-3 (2.0)	Soluble	Solid	300.0	124899
890-9126-8	SW-4 (2.0)	Soluble	Solid	300.0	124899
MB 880-124899/1-A	Method Blank	Soluble	Solid	300.0	124899
LCS 880-124899/2-A	Lab Control Sample	Soluble	Solid	300.0	124899
LCS 880-124899/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124899
890-9126-1 MS	CS-1 (2.0)	Soluble	Solid	300.0	124899
890-9126-1 MSD	CS-1 (2.0)	Soluble	Solid	300.0	124899

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: CS-1 (2.0)

Lab Sample ID: 890-9126-1

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 10:58	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 10:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 15:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 15:17	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 18:46	CS	EET MID

Client Sample ID: CS-2 (2.0)

Lab Sample ID: 890-9126-2

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 11:19	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 11:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 15:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 15:31	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:01	CS	EET MID

Client Sample ID: CS-3 (2.0)

Lab Sample ID: 890-9126-3

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 11:39	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 11:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 15:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 15:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:07	CS	EET MID

Client Sample ID: CS-4 (2.0)

Lab Sample ID: 890-9126-4

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 12:00	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 12:00	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: CS-4 (2.0)

Lab Sample ID: 890-9126-4

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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			124976	11/24/25 15:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 15:59	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:12	CS	EET MID

Client Sample ID: SW-1 (2.0)

Lab Sample ID: 890-9126-5

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 12:20	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 12:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 16:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 16:12	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:17	CS	EET MID

Client Sample ID: SW-2 (2.0)

Lab Sample ID: 890-9126-6

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 12:41	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 12:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 17:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 17:07	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:33	CS	EET MID

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9126-7

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 13:01	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 13:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 16:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 16:40	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
 Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
 SDG: 3027

Client Sample ID: SW-3 (2.0)

Lab Sample ID: 890-9126-7

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:38	CS	EET MID

Client Sample ID: SW-4 (2.0)

Lab Sample ID: 890-9126-8

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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	124971	11/24/25 17:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124998	11/25/25 13:22	AA	EET MID
Total/NA	Analysis	Total BTEX		1			125183	11/25/25 13:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			124976	11/24/25 16:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124716	11/21/25 13:18	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124872	11/24/25 16:53	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:43	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
SDG: 3027

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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Method Summary

Client: Carmona Resources
Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
SDG: 3027

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: Cottonberry 20 Fed com 2H

Job ID: 890-9126-1
SDG: 3027

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9126-1	CS-1 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-2	CS-2 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-3	CS-3 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-4	CS-4 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-5	SW-1 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-6	SW-2 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-7	SW-3 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas
890-9126-8	SW-4 (2.0)	Solid	11/21/25 00:00	11/21/25 15:15	Texas

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1089 N Canal St
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



ENVIRONMENTAL TESTING

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6165-1
Client Contact: N/A	Phone: N/A	E-Mail: Jessica.Kramer@get.eurofins.com	State of Origin: Texas	Page: Page 1 of 1
Shipping/Receiving: N/A	Company: Eurofins Environment Testing South Cent	Accreditations Required (See note): NELAP - Texas	Job #: 890-9126-1	Preservation Codes:
Address: 1211 W. Florida Ave.	Due Date Requested: 11/26/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701	PO #: N/A			
Phone: 432-704-5440(Tel)	W/O #: N/A			
Email: N/A	Project #: 88001161			
Project Name: Cottonberry 20 Fed com 2H	SSOW#: N/A			
Site: N/A				

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Mineral, Sand, Organic, Inorganic, Acid)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		Analysis Requested	Total Number of containers	Special Instructions/Note:
					8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH			
CS-1 (2.0) (890-9126-1)	11/21/25		G	Solid	X	X	X	X		X	
CS-2 (2.0) (890-9126-2)	11/21/25		G	Solid	X	X	X	X		1	
CS-3 (2.0) (890-9126-3)	11/21/25		G	Solid	X	X	X	X		1	
CS-4 (2.0) (890-9126-4)	11/21/25		G	Solid	X	X	X	X		1	
SW-1 (2.0) (890-9126-5)	11/21/25		G	Solid	X	X	X	X		1	
SW-2 (2.0) (890-9126-6)	11/21/25		G	Solid	X	X	X	X		1	
SW-3 (2.0) (890-9126-7)	11/21/25		G	Solid	X	X	X	X		1	
SW-4 (2.0) (890-9126-8)	11/21/25		G	Solid	X	X	X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyze & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/testing/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For _____ Months

Relinquished by: <i>Burns</i>	Date/Time: 11-21 1630	Company:	Received by: <i>[Signature]</i>	Date/Time: 11/21/25	Company: <i>SD</i>
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: <i>29/2.8 -1 IR</i>			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9126-1

SDG Number: 3027

Login Number: 9126

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9126-1

SDG Number: 3027

Login Number: 9126

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 11/24/25 07:59 AM

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 11/25/2025 9:38:19 AM

JOB DESCRIPTION

COTTONBERRY 20 FED COM 2H
 3027

JOB NUMBER

890-9128-1

Eurofins Carlsbad
 1089 N Canal St.
 Carlsbad NM 88220



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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
Jessica.Kramer@et.eurofinsus.com
(432)704-5440

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Client: Carmona Resources
Project/Site: COTTONBERRY 20 FED COM 2H

Laboratory Job ID: 890-9128-1
SDG: 3027

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Definitions/Glossary

Client: Carmona Resources
Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
SDG: 3027

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: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1

Job ID: 890-9128-1

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Job Narrative 890-9128-1

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 11/21/2025 3:15 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 0.0°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: FRED Beard Backfill (890-9128-1).

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: Surrogate recovery for the following samples were outside control limits: (LCS 880-124768/2-A) and (LCSD 880-124768/3-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: (880-65345-A-1-E MS) and (880-65345-A-1-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

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: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

Client Sample ID: FRED Beard Backfill

Lab Sample ID: 890-9128-1

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

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		11/24/25 16:53	11/25/25 06:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/24/25 16:53	11/25/25 06:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/24/25 16:53	11/25/25 06:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/24/25 16:53	11/25/25 06:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/24/25 16:53	11/25/25 06:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/24/25 16:53	11/25/25 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	11/24/25 16:53	11/25/25 06:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/24/25 16:53	11/25/25 06:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/25/25 06:06	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			11/24/25 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/21/25 16:57	11/24/25 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/21/25 16:57	11/24/25 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/21/25 16:57	11/24/25 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	11/21/25 16:57	11/24/25 15:52	1
o-Terphenyl (Surr)	125		70 - 130	11/21/25 16:57	11/24/25 15:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		10.1		mg/Kg			11/24/25 19:48	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

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)
890-9128-1	FRED Beard Backfill	102	97
890-9129-A-1-G MS	Matrix Spike	109	105
890-9129-A-1-H MSD	Matrix Spike Duplicate	101	102
LCS 880-124966/1-A	Lab Control Sample	98	101
LCSD 880-124966/2-A	Lab Control Sample Dup	99	102
MB 880-124844/5-A	Method Blank	107	88
MB 880-124966/5-A	Method Blank	106	92

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

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-65345-A-1-E MS	Matrix Spike	109	161 S1+
880-65345-A-1-F MSD	Matrix Spike Duplicate	109	160 S1+
890-9128-1	FRED Beard Backfill	112	125
LCS 880-124768/2-A	Lab Control Sample	111	164 S1+
LCSD 880-124768/3-A	Lab Control Sample Dup	111	176 S1+
MB 880-124768/1-A	Method Blank	97	125

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

QC Sample Results

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-124844/5-A
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 124844

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/25 08:02	11/24/25 11:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/25 08:02	11/24/25 11:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/25 08:02	11/24/25 11:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/25 08:02	11/24/25 11:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/25 08:02	11/24/25 11:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/25 08:02	11/24/25 11:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				11/24/25 08:02	11/24/25 11:25	1
1,4-Difluorobenzene (Surr)	88		70 - 130				11/24/25 08:02	11/24/25 11:25	1

Lab Sample ID: MB 880-124966/5-A
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 124966

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/24/25 16:53	11/24/25 22:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/24/25 16:53	11/24/25 22:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/24/25 16:53	11/24/25 22:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/24/25 16:53	11/24/25 22:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/24/25 16:53	11/24/25 22:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/24/25 16:53	11/24/25 22:22	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				11/24/25 16:53	11/24/25 22:22	1
1,4-Difluorobenzene (Surr)	92		70 - 130				11/24/25 16:53	11/24/25 22:22	1

Lab Sample ID: LCS 880-124966/1-A
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 124966

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09655		mg/Kg		97	70 - 130
Toluene	0.100	0.08729		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.1881		mg/Kg		94	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	98		70 - 130				
1,4-Difluorobenzene (Surr)	101		70 - 130				

Lab Sample ID: LCSD 880-124966/2-A
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 124966

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09902		mg/Kg		99	70 - 130	3	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

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

Lab Sample ID: LCSD 880-124966/2-A
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 124966

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09043		mg/Kg		90	70 - 130	4	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1917		mg/Kg		96	70 - 130	2	35
o-Xylene	0.100	0.1014		mg/Kg		101	70 - 130	1	35
LCSD LCSD									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: 890-9129-A-1-G MS
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 124966

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08422		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.07491		mg/Kg		75	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08673		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1605		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U	0.100	0.08464		mg/Kg		85	70 - 130
MS MS									
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	109		70 - 130						
1,4-Difluorobenzene (Surr)	105		70 - 130						

Lab Sample ID: 890-9129-A-1-H MSD
 Matrix: Solid
 Analysis Batch: 124847

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 124966

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09513		mg/Kg		95	70 - 130	12	35
Toluene	<0.00200	U	0.100	0.08603		mg/Kg		86	70 - 130	14	35
Ethylbenzene	<0.00200	U	0.100	0.09766		mg/Kg		98	70 - 130	12	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1816		mg/Kg		91	70 - 130	12	35
o-Xylene	<0.00200	U	0.100	0.09294		mg/Kg		93	70 - 130	9	35
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	101		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

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

Lab Sample ID: MB 880-124768/1-A
 Matrix: Solid
 Analysis Batch: 124876

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 124768

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		11/21/25 16:56	11/24/25 08:50	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

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

Lab Sample ID: MB 880-124768/1-A
Matrix: Solid
Analysis Batch: 124876

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 124768

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/21/25 16:56	11/24/25 08:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/21/25 16:56	11/24/25 08:50	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	97		70 - 130	11/21/25 16:56	11/24/25 08:50	1
o-Terphenyl (Surr)	125		70 - 130	11/21/25 16:56	11/24/25 08:50	1

Lab Sample ID: LCS 880-124768/2-A
Matrix: Solid
Analysis Batch: 124876

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 124768

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1208		mg/Kg		121	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	164	S1+	70 - 130

Lab Sample ID: LCSD 880-124768/3-A
Matrix: Solid
Analysis Batch: 124876

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 124768

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1267		mg/Kg		127	70 - 130	5	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	176	S1+	70 - 130

Lab Sample ID: 880-65345-A-1-E MS
Matrix: Solid
Analysis Batch: 124876

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 124768

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	928.8		mg/Kg		93	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1010		mg/Kg		101	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	161	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

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

Lab Sample ID: 880-65345-A-1-F MSD
 Matrix: Solid
 Analysis Batch: 124876

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 124768

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	961.6		mg/Kg		96	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	1043		mg/Kg		104	70 - 130	3	20
Surrogate	%Recovery	MSD Qualifier									
1-Chlorooctane (Surr)	109								70 - 130		
o-Terphenyl (Surr)	160	S1+							70 - 130		

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-124899/1-A
 Matrix: Solid
 Analysis Batch: 124917

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			11/24/25 18:30	1

Lab Sample ID: LCS 880-124899/2-A
 Matrix: Solid
 Analysis Batch: 124917

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.3		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-124899/3-A
 Matrix: Solid
 Analysis Batch: 124917

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.1		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 890-9126-A-1-B MS
 Matrix: Solid
 Analysis Batch: 124917

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	161		251	399.2		mg/Kg		95	90 - 110

Lab Sample ID: 890-9126-A-1-C MSD
 Matrix: Solid
 Analysis Batch: 124917

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	161		251	399.9		mg/Kg		95	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

GC VOA

Prep Batch: 124844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124844/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 124847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Total/NA	Solid	8021B	124966
MB 880-124844/5-A	Method Blank	Total/NA	Solid	8021B	124844
MB 880-124966/5-A	Method Blank	Total/NA	Solid	8021B	124966
LCS 880-124966/1-A	Lab Control Sample	Total/NA	Solid	8021B	124966
LCSD 880-124966/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124966
890-9129-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	124966
890-9129-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124966

Prep Batch: 124966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Total/NA	Solid	5035	
MB 880-124966/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124966/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124966/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9129-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-9129-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 125019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 124768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Total/NA	Solid	8015NM Prep	
MB 880-124768/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124768/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124768/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-65345-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-65345-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 124876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Total/NA	Solid	8015B NM	124768
MB 880-124768/1-A	Method Blank	Total/NA	Solid	8015B NM	124768
LCS 880-124768/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124768
LCSD 880-124768/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124768
880-65345-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	124768
880-65345-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	124768

Analysis Batch: 124957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Total/NA	Solid	8015 NM	

Eurofins Carlsbad

QC Association Summary

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

HPLC/IC

Leach Batch: 124899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Soluble	Solid	DI Leach	
MB 880-124899/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124899/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124899/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9126-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9126-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 124917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9128-1	FRED Beard Backfill	Soluble	Solid	300.0	124899
MB 880-124899/1-A	Method Blank	Soluble	Solid	300.0	124899
LCS 880-124899/2-A	Lab Control Sample	Soluble	Solid	300.0	124899
LCSD 880-124899/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124899
890-9126-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	124899
890-9126-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	124899

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Lab Chronicle

Client: Carmona Resources
 Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
 SDG: 3027

Client Sample ID: FRED Beard Backfill

Lab Sample ID: 890-9128-1

Date Collected: 11/21/25 00:00

Matrix: Solid

Date Received: 11/21/25 15:15

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	124966	11/24/25 16:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124847	11/25/25 06:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125019	11/25/25 06:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			124957	11/24/25 15:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124768	11/21/25 16:57	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124876	11/24/25 15:52	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	124899	11/24/25 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			124917	11/24/25 19:48	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
SDG: 3027

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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Method Summary

Client: Carmona Resources
Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
SDG: 3027

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

Protocol References:

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

Laboratory References:

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



Sample Summary

Client: Carmona Resources
Project/Site: COTTONBERRY 20 FED COM 2H

Job ID: 890-9128-1
SDG: 3027

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9128-1	FRED Beard Backfill	Solid	11/21/25 00:00	11/21/25 15:15	Texas

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Eurofins Carlsbad

1089 N Canal St.
 Carlsbad, NM 88220
 Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record



Client Information (Sub Contract Lab)

Client Contact: N/A
 Shipping/Receiving: N/A
 Company: Eurofins Environment Testing South Cent
 Address: 1211 W. Florida Ave.
 City: Midland
 State, Zip: TX, 79701
 Phone: 432-704-5440(Tel)
 Email: N/A
 Project Name: COTTONBERRY 20 FED COM 2H
 Site: N/A
 SSON#: N/A

Sampler: N/A
 Lab P#: Kramer, Jessica
 E-Mail: Jessica.Kramer@eurofins.com
 Accreditation Required (See note): NELAP - Texas
 Carrier Tracking No(s): N/A
 State of Origin: Texas
 Page: Page 1 of 1
 Job #: 890-9128-1
 Preservation Codes:

Due Date Requested: 11/26/2025
 TAT Requested (days): N/A
 Analysis Requested

Sample ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Overseas, B=Trace, A=Add)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
FRED Beard Backfill (890-9128-1)	11/21/25	Central	G	Solid	X	X	X	X	X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification

Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) _____ Primary Deliverable Rank: 2
 Special Instructions/QC Requirements: Return To Client Disposal By Lab Archive For _____ Months

Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____

Relinquished by: *Brown* Date/Time: 11-21 1630 Company: _____ Received by: *Stallworth* Date/Time: 11/24/25 800 Company: _____

Relinquished by: _____ Date/Time: _____ Company: _____ Received by: _____ Date/Time: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____ Cooler Temperature(s) °C and Other Remarks: 29/2.46 - 1 TMS

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9128-1

SDG Number: 3027

Login Number: 9128

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9128-1

SDG Number: 3027

Login Number: 9128

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 11/24/25 07:59 AM

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

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

General Information
Phone: (505) 629-6116

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

Action 531162

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2527534621
Incident Name	NAPP2527534621 COTTONBERRY 2H @ 30-015-43455
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-43455] COTTONBERRY 20 FEDERAL COM #002H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	COTTONBERRY 2H
Date Release Discovered	10/01/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
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	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Valve Produced Water Released: 8 BBL Recovered: 7 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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QUESTIONS, Page 2

Action 531162

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/02/2025
--	--

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Oil Conservation Division
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QUESTIONS, Page 3

Action 531162

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Zero feet, overlying, or within area
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 500 and 1000 (ft.)
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)	166
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	51.3
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	11/17/2025
On what date will (or did) the final sampling or liner inspection occur	11/21/2025
On what date will (or was) the remediation complete(d)	11/21/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	450
What is the estimated volume (in cubic yards) that will be remediated	33

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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Energy, Minerals and Natural Resources
Oil Conservation Division
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QUESTIONS, Page 4

Action 531162

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/02/2025
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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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 531162

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 531162

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	526949
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/25/2025
What was the (estimated) number of samples that were to be gathered	7
What was the sampling surface area in square feet	450

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

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	450
What was the total volume (cubic yards) remediated	33
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The entire area was hydro-excavated to a depth of 2.0' and then composite confirmation sampled. All contamination has been removed and clean caliche was utilized as backfill material.

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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 12/02/2025
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QUESTIONS, Page 7

Action 531162

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 531162

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 531162
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	1/21/2026