CARMONA RESOURCES

SITE INFORMATION

Closure Report
Tatanka North CTB (04.19.2026)
Incident ID: nAPP2611037443
Lea County, New Mexico
Unit N, Sec 35, T25S, R35E
32.08211°, -103.33911°

Crude Oil Release
Point of Release: Malfunction with the Vapor Recovery Tower Resulting in a Flare Fire
Release Date: 04.19.2026
Volume Released: 0 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES

Prepared for:
Coterra Energy Operating Co.
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706

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

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

CARMONA RESOURCES

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

CARMONA RESOURCES

May 4, 2026

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

Re: **Closure Report**
Tatanka North CTB (04.19.2026)
Incident ID: nAPP2611037443
Coterra Energy Operating Co.
Site Location: Unit N, S35, T25S, R35E
32.08211°, -103.33911°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra) Carmona Resources LLC, has prepared this letter to document the site remediation conducted at the Tatanka North CTB (04.19.2026), located at 32.08211°, - 103.33911° within Unit N, S35, T25S, R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 19, 2026, due to a malfunction with the vapor recovery tower resulting in a flare fire. The incident resulted in the release of zero (0) barrels of crude oil, with zero (0) barrels recovered. The area affected by the fire is approximately 1,400 square feet. See Figure 3. The Notification of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.26 miles Southwest of the site in S2, T26S, 35E, and was drilled in 2026. The GWDB was drilled to a depth of 105 feet below ground surface (ft bgs) with no evidence of groundwater detected. A copy of the well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Remediation Activities

On April 28, 2026, Carmona Resources personnel were onsite to collect confirmation samples. Prior to arriving on site, a Coterra contractor was on site to conduct a 0.5 ft surface scrape within the affected area. Only charred caliche remained onsite from the flare fire and following the surface scrape, all affected material was removed. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on April 24, 2026, per Subsection D of 19.15.29.12 NMAC, see Appendix C. The area was excavated to a depth of 0.5 ft bgs. A total of four (4) horizontal samples (H-1 through H-4) were collected for horizontal delineation, and eight (8) confirmation floor samples (CS-1 through CS-8) were collected every 200 square feet to ensure the proper removal of contaminated soil. Composite confirmation sidewall samples were not collected due to the excavation depth not exceeding 0.5 ft bgs. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas in accordance with established chain-of-custody protocols. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chlorides. Refer to Table 1. The excavation depths and confirmation sample locations are shown in Figure 3.

Approximately 1,400 square feet of impacted area was remediated, resulting in the removal of an estimated 20 cubic yards of soil, which was transported offsite for proper disposal at an approved facility. Due to the shallow nature of the surface scrape, the location was not backfilled with any material. Production managers onsite have determined that the caliche thickness remaining on the well pad is sufficient and does not pose any safety or stability risks for oil field operations. Once the wells on site have been plugged and abandoned, and all facility equipment has been removed, the entire well pad will be reclaimed per NMAC 19.15.29.13.

5.0 Conclusion

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Coterra 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
Director of Operations

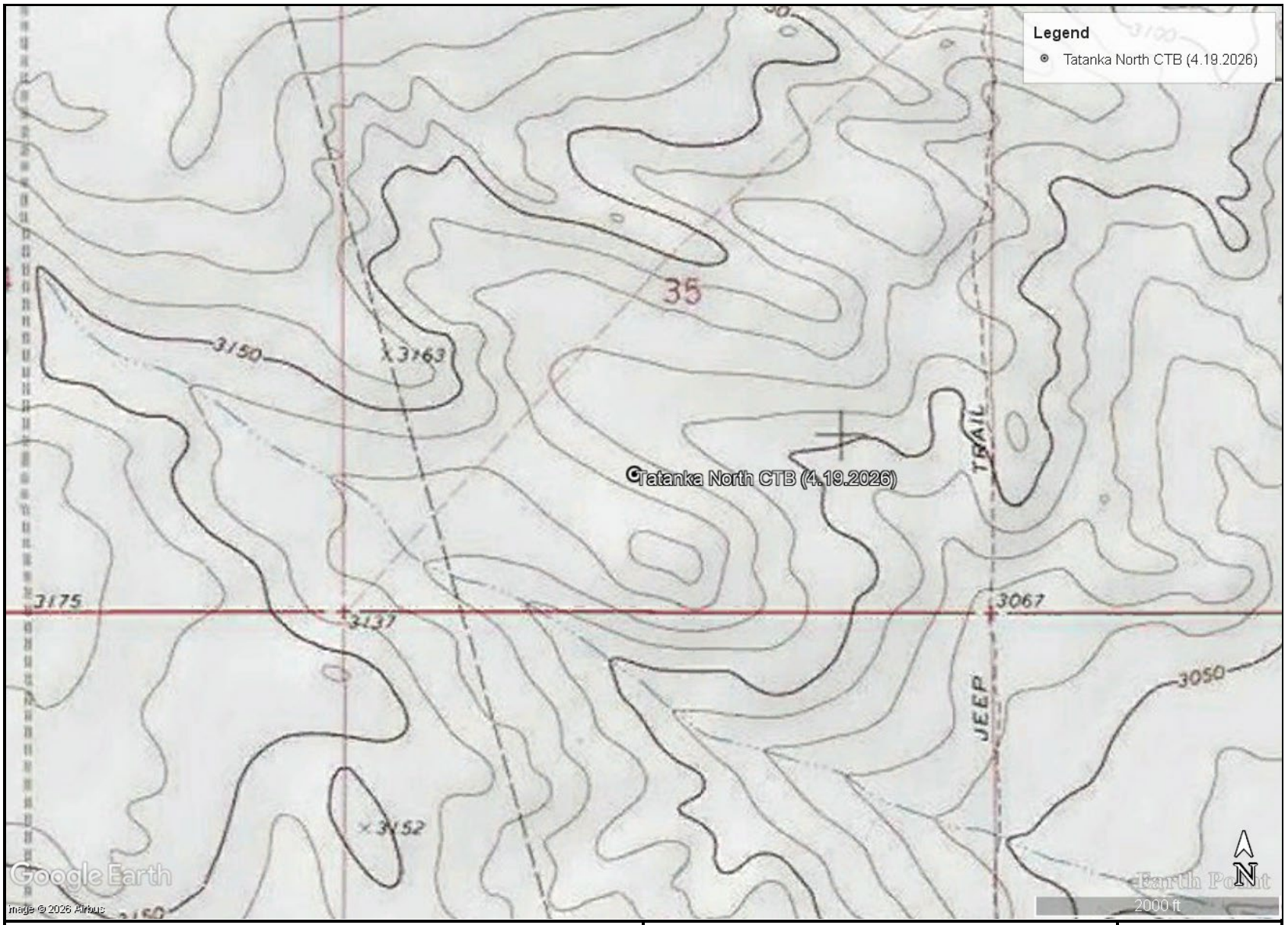
Gilbert Priego Jr
Project Manager

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

FIGURES

CARMONA RESOURCES

OVERVIEW MAP COTERRA ENERGY OPERATING CO. TATANKA NORTH CTB (04.19.2026) LEA COUNTY, NEW MEXICO 32.08211°, -103.33911°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP COTERRA ENERGY OPERATING CO. TATANKA NORTH CTB (04.19.2026) LEA COUNTY, NEW MEXICO 32.08211°, -103.33911°	CARMONA RESOURCES	FIGURE 2

EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. TATANKA NORTH CTB (04.19.2026) LEA COUNTY, NEW MEXICO 32.08211°, -103.33911°	CARMONA RESOURCES	FIGURE 3

APPENDIX A

CARMONA RESOURCES

Table 1
Coterra Energy Operating Co.
Tatanka North CTB (04.19.2026)
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	4/28/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	89.6
CS-2	4/28/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	90.9
CS-3	4/28/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	105
CS-4	4/28/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	124
CS-5	4/28/2026	0.5'	<50.1	57.0	<50.1	57.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	64.8
CS-6	4/28/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	36.7
CS-7	4/28/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	96.6
CS-8	4/28/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	48.3
Regulatory Criteria [A]						1,000 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

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

Table 1
Coterra Energy Operating Co.
Tatanka North CTB (04.19.2026)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	4/28/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	23.2
H-2	4/28/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	24.8
H-3	4/28/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	27.3
H-4	4/28/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	28.1
Regulatory Criteria [A]						1,000 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

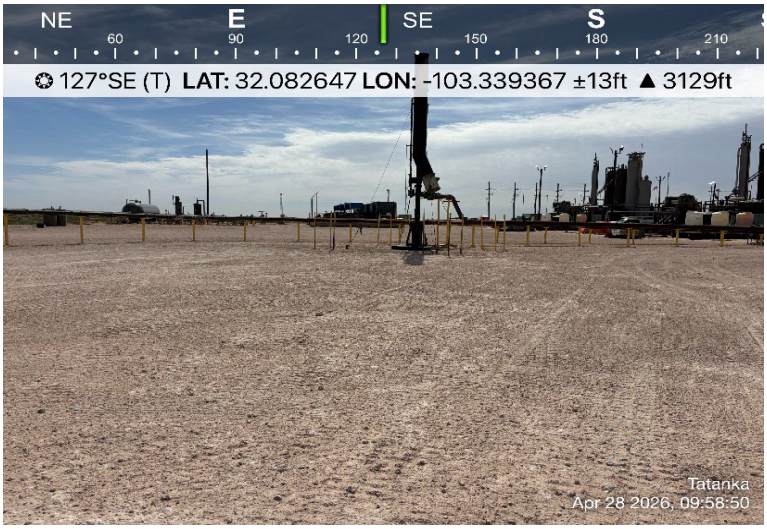
Coterra Energy Operating Co.

Photograph No. 1

Facility: TATANKA NORTH CTB (04.19.2026)

County: Lea County, New Mexico

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



Photograph No. 2

Facility: TATANKA NORTH CTB (04.19.2026)

County: Lea County, New Mexico

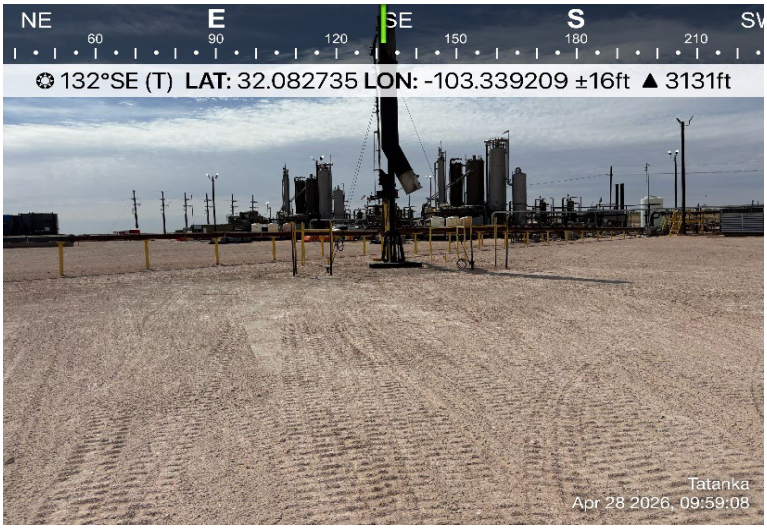
Description:
View Northeast, area of CS-1 through CS-8.

Photograph No. 3

Facility: TATANKA NORTH CTB (04.19.2026)

County: Lea County, New Mexico

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



CARMONA RESOURCES

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 577061

QUESTIONS

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 577061
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Tatanka North CTB
Date Release Discovered	04/19/2026
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
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)	We had a reportable fire at the Tatanka North CTB due to fluid carrying over to the flare. Further investigation is ongoing. Preliminary findings suggest the Vapor Recovery Tower experienced a LSHH, which caused oil to carry over to the flare. Although the facility alarm was triggered, the wells did not ESD. • No emergency services were notified. • No injuries were reported because of the fire. • The release was not in an area highly visible to the public. • The impact remained on the well pad, near the LP flare. • The facility is situated in a low karst area, and there has been no impact on wetland features, significant watercourses, or any other sensitive environmental aspects. • The fire self-extinguished. • This email serves as NOR for the BLM. We will be scheduling an assessment and remediation of the affected area in the coming days.

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QUESTIONS (continued)

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 577061
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more;** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
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	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 577061
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☑	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.
☑	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.
☑	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.
☑	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.
☑	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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Santa Fe, NM 87505

CONDITIONS

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 577061
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
lluig	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/20/2026

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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 578757

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 578757
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2611037443**
Incident Name	**NAPP2611037443 TATANKA NORTH CTB @ FAPP2215834549**
Incident Type	**Fire**
Incident Status	**Notification Accepted**
Incident Facility	**[fAPP2215834549] Tatanka North CTB**

Location of Release Source	
Site Name	**Tatanka North CTB**
Date Release Discovered	**04/19/2026**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,400
What is the estimated number of samples that will be gathered	12
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/28/2026
Time sampling will commence	09:00 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	32.082606°, -103.339116° Will be onsite to collect surface composite confirmation samples from a 3-6inch scrape following the flare fire. Horizontal grab samples will also be collected during this time as the excavation is less than 1.0'.

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Santa Fe, NM 87505

CONDITIONS

Action 578757

CONDITIONS

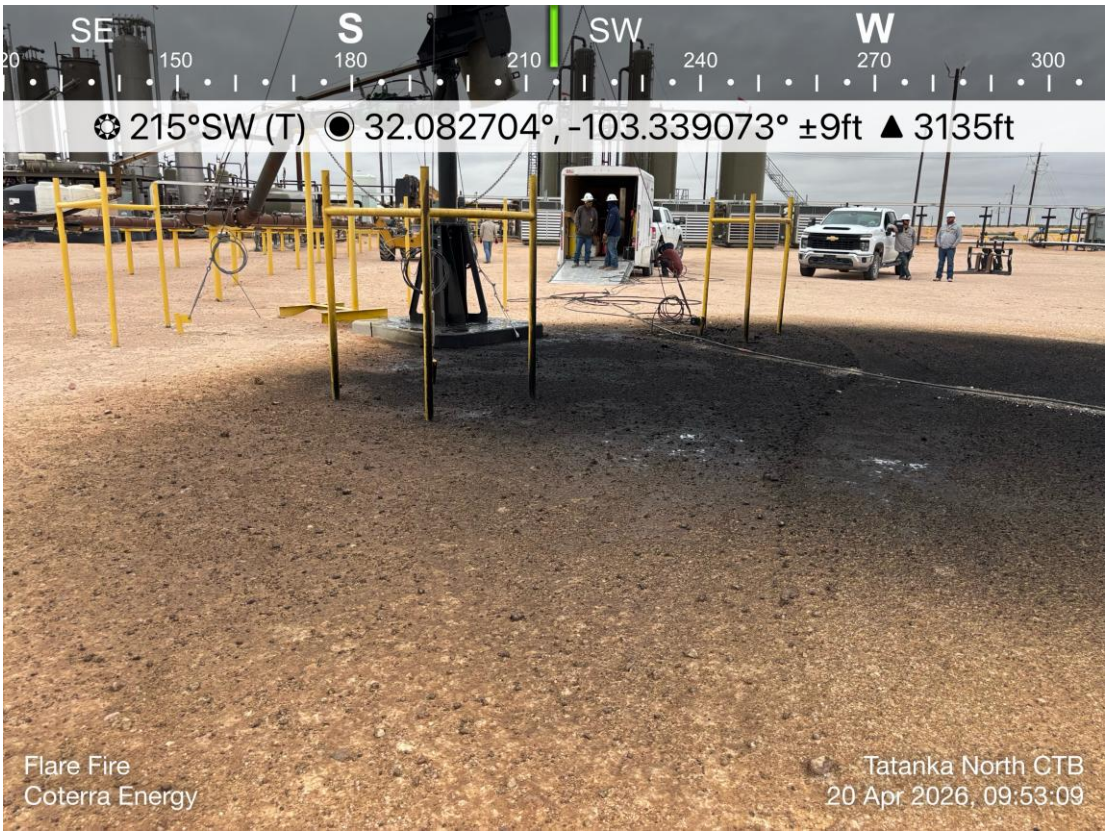
Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 578757
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

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.	4/24/2026
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.	4/24/2026

COTERRA ENERGY
TATANKA NORTH CTB
LEA, NM

COTERRA ENERGY
TATANKA NORTH CTB
LEA, NM



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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 578989

QUESTIONS

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 578989
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2611037443**
Incident Name	**NAPP2611037443 TATANKA NORTH CTB @ FAPP2215834549**
Incident Type	**Fire**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2215834549] Tatanka North CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Tatanka North CTB
Date Release Discovered	04/19/2026
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	We had a reportable fire at the Tatanka North CTB due to fluid carrying over to the flare. Further investigation is ongoing. Preliminary findings suggest the Vapor Recovery Tower experienced a LSHH, which caused oil to carry over to the flare. Although the facility alarm was triggered, the wells did not ESD. • No emergency services were notified. • No injuries were reported because of the fire. • The release was not in an area highly visible to the public. • The impact remained on the well pad, near the LP flare. • The facility is situated in a low karst area, and there has been no impact on wetland features, significant watercourses, or any other sensitive environmental aspects. • The fire self-extinguished. • This email serves as NOR for the BLM. We will be scheduling an assessment and remediation of the affected area in the coming days.

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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 (continued)

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 578989
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more;** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
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	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PermianEnvironmental@coterra.com Date: 04/25/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 578989
	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
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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Coterra Energy Operating F LLC 6001 Deauville Blvd. Midland, TX 79706	OGRID: 373910
	Action Number: 578989
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	Initial C-141 approved. Per 19.15.29.11.A NMAC, a remediation plan or a remediation closure report is due to the OCD by 7/20/26.	4/27/2026

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Coterra Energy Operating

Legend

- 0.26 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Tatanka North CTB (4.19.2026)

Tatanka North CTB (4.19.2026)

105' GWDB - Drilled 2026

Google Earth

3000 ft

N

Low Karst

Coterra Energy Operating

Legend

Low

Tatanka North CTB (4.19.2026)

Tatanka North CTB (4.19.2026)

Google Earth

Image © 2026 Airbus

N

3000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 01305 POD1		CP	LE		NW	SE	31	25S	37E	655627.9	3551065.4		1166	420	230	190
CP 01170 POD1		CP	LE	SW	SW	SW	06	26S	36E	659281.6	3548984.5		3083	500	280	220
CP 01170 POD1	C	CP	LE	SW	SW	SW	06	26S	36E	659281.6	3548984.5		3083	500	280	220
C 04861 POD1		CUB	LE	NW	NW	NE	27	25S	35E	655298.4	3553583.4		3189	105		
CP 01263 POD3		CP	LE	SE	NW	SW	06	26S	36E	660038.4	3549729.4		3442	516	240	276
C 05017 POD1		CUB	LE	SW	SW	SE	24	25S	35E	658389.9	3553862.1		3524	105		
CP 01920 POD1		CP	LE	SE	SW	SE	31	25S	36E	660281.8	3550531.1		3539	101		
L 15939 POD1		L	LE	SE	SE	SE	11	26S	35E	657579.5	3547273.1		3567	105		
CP 01267 POD1		CP	LE	SW	SE	SW	06	26S	36E	659759.1	3548807.1		3578	585	200	385

Average Depth to Water: **246 feet**

Minimum Depth: **200 feet**

Maximum Depth: **280 feet**

Record Count: 9

UTM Filters (in meters):

Easting: 656749.00

Northing: 3550743.00

Radius: 4000

*** UTM location was derived from PLSS - see Help**

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod-1		C-5066

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Coterra Energy Co.	432-208-3035

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
840 Gessner Rd.	Houston	TX	77024-4152

WELL LOCATION (FROM GPS)	DEGREES	MINUTES	SECONDS	
LATITUDE	32	04	44.6	N
LONGITUDE	103	20	30.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE

NENW S-2 T-26S R-35E

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
4/2/26	4/2/26	105	105	Dry

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT):

DATE STATIC MEASURED: 4/6/26

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
			No Casing left in hole				

3. ANNULAR MATERIAL

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

FOR OSE INTERNAL USE

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

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0	15	15	dry red sand	Y ✓ N	
15	30	15	dry white caliche	Y ✓ N	
30	65	35	dry brown sandy clay	Y ✓ N	
35	70	35	red clay	Y ✓ N	
70	75	5	red clay	Y ✓ N	
75	90	15	brown sandy clay	Y ✓ N	
90	105	15	gray clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): Dry

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Well was drilled on 4/2/26, gauged on 4/2/26, well was dry, casing was removed and the well bore was plugged in accordance with the approved plugging plan of operations.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — 4/8/26

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2

PLUGGING RECORD

NOTE: **A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC**

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: C-5066 Pod-1

Well owner: Coterra Energy Co. Phone No.: 432-208-3035

Mailing address: 840 Gessner Rd.

City: Houston State: TX Zip code: 77024

II. WELL PLUGGING INFORMATION:

1) Name of well drilling company that plugged well: H&R Enterprises, LLC

2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/27

3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer

4) Date well plugging began: 4/6/26 Date well plugging concluded: 4/6/26

5) GPS Well Location: Latitude: 32 deg, 04 min, 44.6 sec
Longitude: 104 deg, 20 min, 30.7 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 105 ft below ground level (bgl), by the following manner: Well Sounder

7) Static water level measured at initiation of plugging: DRY ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 3/20/26

9) Were all plugging activities consistent with an approved plugging plan? yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

For each interval plugged, describe within the following columns:

Depth (ft bgl)	Plugging Material Used (include any additives used)	Volume of Material Placed (gallons)	Theoretical Volume of Borehole/ Casing (gallons)	Placement Method (tremie pipe, other)	Comments ("casing perforated first", "open annular space also plugged", etc.)
	0-10 Hydrated Baroid 3/8 bentonite chip plug	16.5	14.7	pour	
	10-105 drill cuttings	139.65	139.65	pour	

MULTIPLY		BY		AND OBTAIN
cubic feet	x	7.4805	=	gallons
cubic yards	x	201.97	=	gallons

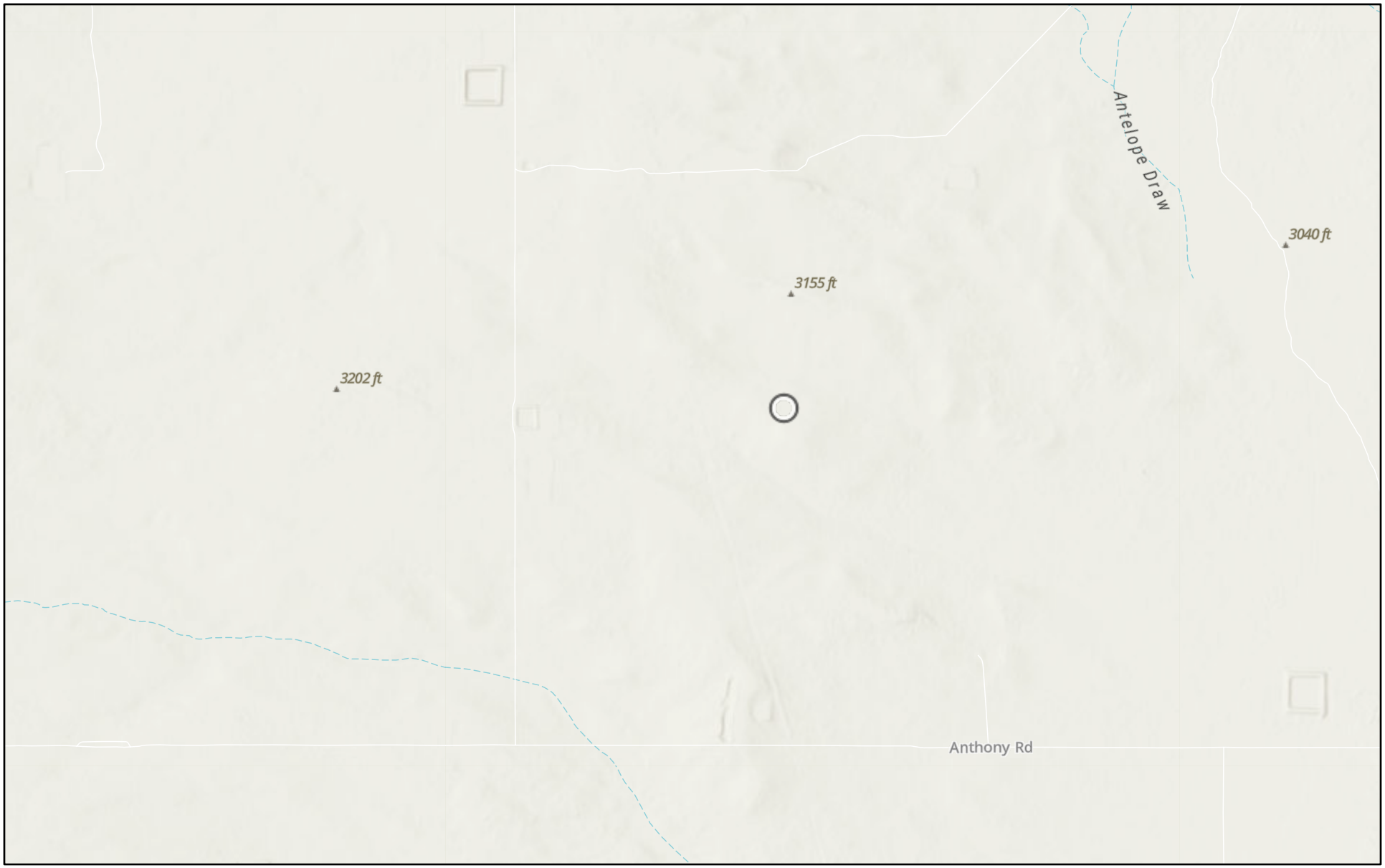
III. SIGNATURE:

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

Signature of Well Driller

4/8/26
Date

Tatanka North CTB (4.19.2026)



4/20/2026

World_Hillshade

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

Tatanka North CTB (4.19.2026)

4/20/2026, 8:08:52 AM

OSE Streams

1:72,224

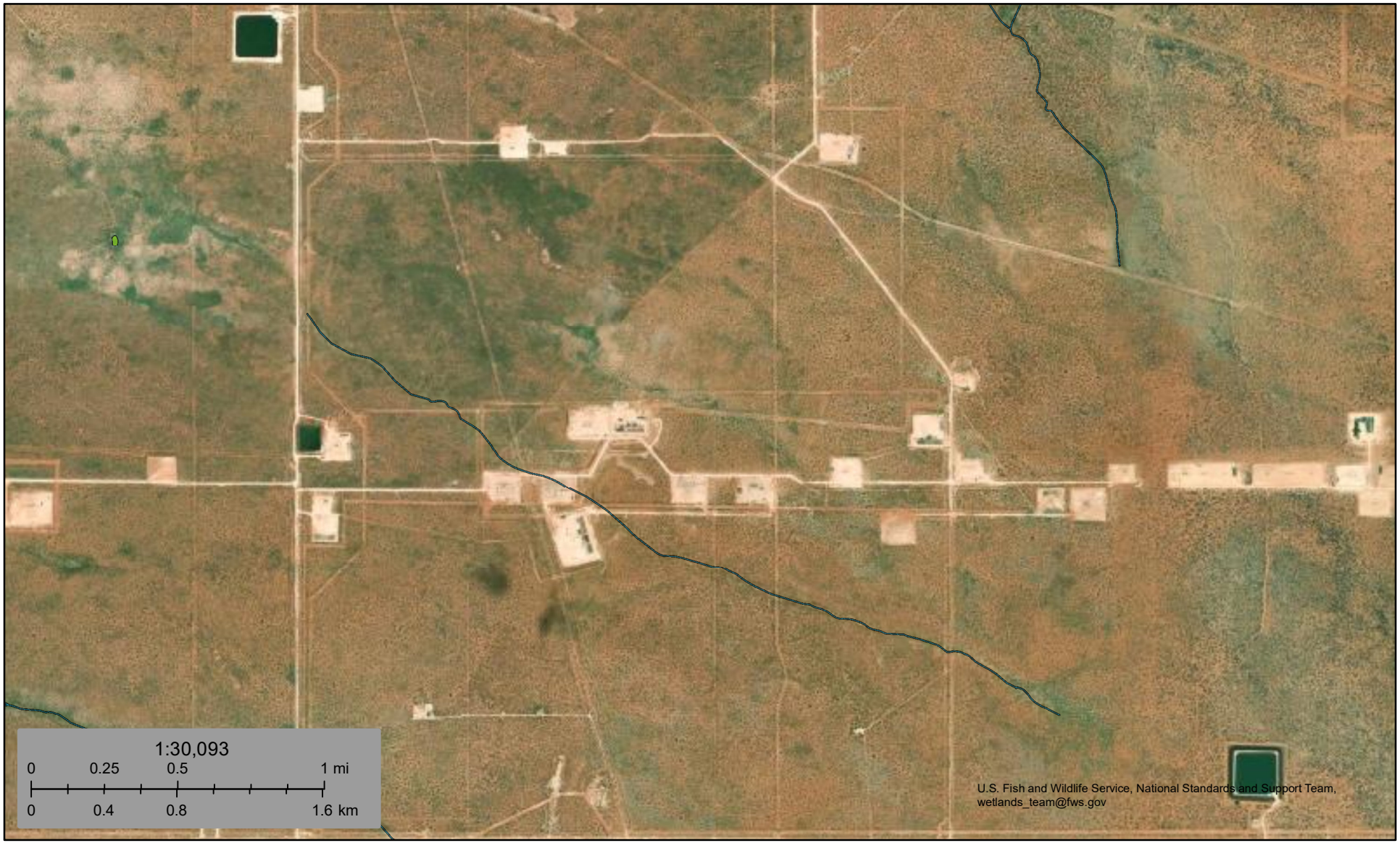
0 0.75 1.5 3 mi

0 1.25 2.5 5 km

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

U.S. Fish and Wildlife Service
National Wetlands Inventory

Tatanka North CTB (4.19.2026)



April 20, 2026

Wetlands

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

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

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/6/2026 12:43:13 PM

JOB DESCRIPTION

Tatanka North CTB (04.19.2026)
Lea County New Mexico

JOB NUMBER

880-71547-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
5/6/2026 12:43:13 PM

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

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Laboratory Job ID: 880-71547-1
SDG: Lea County New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1

Job ID: 880-71547-1 Eurofins Midland

Job Narrative
880-71547-1

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 4/28/2026 12:49 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 2.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1(0.5') (880-71547-1), CS-2(0.5') (880-71547-2), CS-3(0.5') (880-71547-3), CS-4(0.5') (880-71547-4), CS-5(0.5') (880-71547-5), CS-6(0.5') (880-71547-6), CS-7(0.5') (880-71547-7) and CS-8(0.5') (880-71547-8).

GC VOA
Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139923 and analytical batch 880-139980 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1(0.5') (880-71547-1), CS-2(0.5') (880-71547-2), CS-3(0.5') (880-71547-3), CS-4(0.5') (880-71547-4), CS-5(0.5') (880-71547-5), CS-7(0.5') (880-71547-7) and (880-71795-A-1-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics
Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139708 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139708/112).

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-1(0.5')

Lab Sample ID: 880-71547-1
Matrix: Solid
Date Collected: 04/28/26 09:08
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/05/26 20:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/05/26 10:36	05/05/26 20:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/05/26 10:36	05/05/26 20:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/05/26 10:36	05/05/26 20:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/05/26 10:36	05/05/26 20:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/05/26 10:36	05/05/26 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/05/26 20:53*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/05/26 10:36*	*05/05/26 20:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/05/26 20:53	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			05/02/26 08:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 08:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 08:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/29/26 10:41*	*05/02/26 08:37*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*04/29/26 10:41*	*05/02/26 08:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.6**		10.0		mg/Kg			04/30/26 15:14	1

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-71547-2
Matrix: Solid
Date Collected: 04/28/26 09:15
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/05/26 21:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/05/26 10:36	05/05/26 21:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/05/26 10:36	05/05/26 21:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/05/26 10:36	05/05/26 21:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/05/26 10:36	05/05/26 21:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/05/26 10:36	05/05/26 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/05/26 21:13*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/05/26 10:36*	*05/05/26 21:13*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-71547-2
Matrix: Solid
Date Collected: 04/28/26 09:15
Date Received: 04/28/26 12:49

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			05/05/26 21:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/02/26 08:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 08:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 08:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/29/26 10:41*	*05/02/26 08:51*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/29/26 10:41*	*05/02/26 08:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.9**		10.0		mg/Kg			04/30/26 15:29	1

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-71547-3
Matrix: Solid
Date Collected: 04/28/26 09:19
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/05/26 21:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/05/26 10:36	05/05/26 21:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/05/26 10:36	05/05/26 21:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/05/26 10:36	05/05/26 21:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/05/26 10:36	05/05/26 21:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/05/26 10:36	05/05/26 21:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*162*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/05/26 21:34*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*05/05/26 10:36*	*05/05/26 21:34*	*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			05/05/26 21:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/02/26 09:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/29/26 10:41	05/02/26 09:05	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/29/26 10:41	05/02/26 09:05	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-71547-3
Matrix: Solid
Date Collected: 04/28/26 09:19
Date Received: 04/28/26 12:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/29/26 10:41	05/02/26 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:05*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:05*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		9.92		mg/Kg			04/30/26 15:34	1

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-71547-4
Matrix: Solid
Date Collected: 04/28/26 09:23
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/05/26 21:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/05/26 10:36	05/05/26 21:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/05/26 10:36	05/05/26 21:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/05/26 10:36	05/05/26 21:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/05/26 10:36	05/05/26 21:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/05/26 10:36	05/05/26 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/05/26 21:54*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*05/05/26 10:36*	*05/05/26 21:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/05/26 21:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/02/26 09:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 09:19	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 09:19	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:19*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:19*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		10.1		mg/Kg			04/30/26 15:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-5(0.5')

Lab Sample ID: 880-71547-5
Matrix: Solid
Date Collected: 04/28/26 09:28
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/05/26 22:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/05/26 10:36	05/05/26 22:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/05/26 10:36	05/05/26 22:15	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/05/26 10:36	05/05/26 22:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/05/26 10:36	05/05/26 22:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/05/26 10:36	05/05/26 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/05/26 22:15*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/05/26 10:36*	*05/05/26 22:15*	*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			05/05/26 22:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**57.0**		50.1		mg/Kg			05/02/26 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 09:34	1
Diesel Range Organics (Over C10-C28)	**57.0**		50.1		mg/Kg		04/29/26 10:41	05/02/26 09:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:34*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:34*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.8**		9.94		mg/Kg			04/30/26 15:43	1

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-71547-6
Matrix: Solid
Date Collected: 04/28/26 09:31
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/06/26 00:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/05/26 10:36	05/06/26 00:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/05/26 10:36	05/06/26 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/05/26 10:36*	*05/06/26 00:05*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*05/05/26 10:36*	*05/06/26 00:05*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-71547-6
Matrix: Solid
Date Collected: 04/28/26 09:31
Date Received: 04/28/26 12:49

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/06/26 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/02/26 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 09:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 09:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 09:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:49*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/29/26 10:41*	*05/02/26 09:49*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.7**		9.92		mg/Kg			04/30/26 15:58	1

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-71547-7
Matrix: Solid
Date Collected: 04/28/26 09:36
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/06/26 00:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/05/26 10:36	05/06/26 00:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/05/26 10:36	05/06/26 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/06/26 00:26*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/05/26 10:36*	*05/06/26 00:26*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/06/26 00:26	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			05/02/26 10:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/29/26 10:41	05/02/26 10:03	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/29/26 10:41	05/02/26 10:03	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-71547-7
Matrix: Solid
Date Collected: 04/28/26 09:36
Date Received: 04/28/26 12:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/29/26 10:41	05/02/26 10:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*04/29/26 10:41*	*05/02/26 10:03*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*04/29/26 10:41*	*05/02/26 10:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**96.6**		9.98		mg/Kg			04/30/26 16:03	1

Client Sample ID: CS-8(0.5')

Lab Sample ID: 880-71547-8
Matrix: Solid
Date Collected: 04/28/26 09:43
Date Received: 04/28/26 12:49

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		05/05/26 10:36	05/06/26 00:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/05/26 10:36	05/06/26 00:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/06/26 00:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/05/26 10:36	05/06/26 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*05/05/26 10:36*	*05/06/26 00:46*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/05/26 10:36*	*05/06/26 00:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/06/26 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/02/26 10:17	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	<50.2	U	50.2		mg/Kg		04/29/26 10:41	05/02/26 10:17	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/29/26 10:41	05/02/26 10:17	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/29/26 10:41	05/02/26 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/29/26 10:41*	*05/02/26 10:17*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*04/29/26 10:41*	*05/02/26 10:17*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.3**		9.92		mg/Kg			04/30/26 16:08	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-71547-1	CS-1(0.5')	142 S1+	89
880-71547-2	CS-2(0.5')	143 S1+	94
880-71547-3	CS-3(0.5')	162 S1+	88
880-71547-4	CS-4(0.5')	169 S1+	102
880-71547-5	CS-5(0.5')	154 S1+	94
880-71547-6	CS-6(0.5')	108	85
880-71547-7	CS-7(0.5')	151 S1+	99
880-71547-8	CS-8(0.5')	129	93
880-71795-A-1-E MS	Matrix Spike	118	104
880-71795-A-1-F MSD	Matrix Spike Duplicate	112	107
LCS 880-139923/1-A	Lab Control Sample	117	113
LCSD 880-139923/2-A	Lab Control Sample Dup	114	110
MB 880-139923/5-A	Method Blank	244 S1+	98

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-71547-1	CS-1(0.5')	87	83
880-71547-2	CS-2(0.5')	95	81
880-71547-3	CS-3(0.5')	87	76
880-71547-4	CS-4(0.5')	100	90
880-71547-5	CS-5(0.5')	96	84
880-71547-6	CS-6(0.5')	93	79
880-71547-7	CS-7(0.5')	87	74
880-71547-8	CS-8(0.5')	90	79
890-9856-A-9-B MS	Matrix Spike	99	86
890-9856-A-9-C MSD	Matrix Spike Duplicate	100	87
LCS 880-139343/2-A	Lab Control Sample	85	79
LCSD 880-139343/3-A	Lab Control Sample Dup	101	101
MB 880-139343/1-A	Method Blank	95	84

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139923/5-A
Matrix: Solid
Analysis Batch: 139980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139923

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/05/26 18:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/05/26 18:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/05/26 18:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/05/26 10:36	05/05/26 18:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 10:36	05/05/26 18:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/05/26 10:36	05/05/26 18:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*244*	*S1+*	*70 - 130*	*05/05/26 10:36*	*05/05/26 18:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/05/26 10:36*	*05/05/26 18:41*	*1*

Lab Sample ID: LCS 880-139923/1-A
Matrix: Solid
Analysis Batch: 139980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139923

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1104		mg/Kg		110	70 - 130		
Toluene			0.100	0.09152		mg/Kg		92	70 - 130		
Ethylbenzene			0.100	0.09851		mg/Kg		99	70 - 130		
m-Xylene & p-Xylene			0.200	0.2218		mg/Kg		111	70 - 130		
o-Xylene			0.100	0.1128		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-139923/2-A
Matrix: Solid
Analysis Batch: 139980

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139923

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1074		mg/Kg		107	70 - 130	3	35
Toluene			0.100	0.08167		mg/Kg		82	70 - 130	11	35
Ethylbenzene			0.100	0.08845		mg/Kg		88	70 - 130	11	35
m-Xylene & p-Xylene			0.200	0.2050		mg/Kg		102	70 - 130	8	35
o-Xylene			0.100	0.1053		mg/Kg		105	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: 880-71795-A-1-E MS
Matrix: Solid
Analysis Batch: 139980

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139923

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09123		mg/Kg		91	70 - 130		
Toluene	<0.00200	U	0.100	0.08036		mg/Kg		80	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71795-A-1-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139980 — **Prep Batch: 139923**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08257		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1916		mg/Kg		95	70 - 130
o-Xylene	<0.00200	U	0.100	0.09948		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-71795-A-1-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139980 — **Prep Batch: 139923**

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	0.09445		mg/Kg		94	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08050		mg/Kg		80	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.08410		mg/Kg		84	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1899		mg/Kg		94	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09694		mg/Kg		95	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 880-139343/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139708 — **Prep Batch: 139343**

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		04/29/26 10:41	05/02/26 04:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 04:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 04:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/29/26 10:41*	*05/02/26 04:25*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/29/26 10:41*	*05/02/26 04:25*	*1*

Lab Sample ID: LCS 880-139343/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139708 — **Prep Batch: 139343**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	938.5		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139343/2-A
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139343

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: LCSD 880-139343/3-A
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139343

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1011		mg/Kg		101	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1258		mg/Kg		126	70 - 130	19	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 890-9856-A-9-B MS
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	857.6		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	968.1		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: 890-9856-A-9-C MSD
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139343

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	<50.1	U	1000	891.6		mg/Kg		87	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	970.9		mg/Kg		94	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	87		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-139322/1-A
Matrix: Solid
Analysis Batch: 139432

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			04/30/26 14:59	1

Lab Sample ID: LCS 880-139322/2-A
Matrix: Solid
Analysis Batch: 139432

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-139322/3-A
Matrix: Solid
Analysis Batch: 139432

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-71547-1 MS
Matrix: Solid
Analysis Batch: 139432

Client Sample ID: CS-1(0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	89.6		250	362.1		mg/Kg		109	90 - 110		

Lab Sample ID: 880-71547-1 MSD
Matrix: Solid
Analysis Batch: 139432

Client Sample ID: CS-1(0.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	89.6		250	364.5		mg/Kg		110	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 139923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Total/NA	Solid	5035	
880-71547-2	CS-2(0.5')	Total/NA	Solid	5035	
880-71547-3	CS-3(0.5')	Total/NA	Solid	5035	
880-71547-4	CS-4(0.5')	Total/NA	Solid	5035	
880-71547-5	CS-5(0.5')	Total/NA	Solid	5035	
880-71547-6	CS-6(0.5')	Total/NA	Solid	5035	
880-71547-7	CS-7(0.5')	Total/NA	Solid	5035	
880-71547-8	CS-8(0.5')	Total/NA	Solid	5035	
MB 880-139923/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139923/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139923/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71795-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-71795-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 139980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Total/NA	Solid	8021B	139923
880-71547-2	CS-2(0.5')	Total/NA	Solid	8021B	139923
880-71547-3	CS-3(0.5')	Total/NA	Solid	8021B	139923
880-71547-4	CS-4(0.5')	Total/NA	Solid	8021B	139923
880-71547-5	CS-5(0.5')	Total/NA	Solid	8021B	139923
880-71547-6	CS-6(0.5')	Total/NA	Solid	8021B	139923
880-71547-7	CS-7(0.5')	Total/NA	Solid	8021B	139923
880-71547-8	CS-8(0.5')	Total/NA	Solid	8021B	139923
MB 880-139923/5-A	Method Blank	Total/NA	Solid	8021B	139923
LCS 880-139923/1-A	Lab Control Sample	Total/NA	Solid	8021B	139923
LCSD 880-139923/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139923
880-71795-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	139923
880-71795-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	139923

Analysis Batch: 140058

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Total/NA	Solid	Total BTEX	
880-71547-2	CS-2(0.5')	Total/NA	Solid	Total BTEX	
880-71547-3	CS-3(0.5')	Total/NA	Solid	Total BTEX	
880-71547-4	CS-4(0.5')	Total/NA	Solid	Total BTEX	
880-71547-5	CS-5(0.5')	Total/NA	Solid	Total BTEX	
880-71547-6	CS-6(0.5')	Total/NA	Solid	Total BTEX	
880-71547-7	CS-7(0.5')	Total/NA	Solid	Total BTEX	
880-71547-8	CS-8(0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 139343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Total/NA	Solid	8015NM Prep	
880-71547-2	CS-2(0.5')	Total/NA	Solid	8015NM Prep	
880-71547-3	CS-3(0.5')	Total/NA	Solid	8015NM Prep	
880-71547-4	CS-4(0.5')	Total/NA	Solid	8015NM Prep	
880-71547-5	CS-5(0.5')	Total/NA	Solid	8015NM Prep	
880-71547-6	CS-6(0.5')	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 139343 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-7	CS-7(0.5')	Total/NA	Solid	8015NM Prep	
880-71547-8	CS-8(0.5')	Total/NA	Solid	8015NM Prep	
MB 880-139343/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139343/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139343/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9856-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9856-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-2	CS-2(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-3	CS-3(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-4	CS-4(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-5	CS-5(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-6	CS-6(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-7	CS-7(0.5')	Total/NA	Solid	8015B NM	139343
880-71547-8	CS-8(0.5')	Total/NA	Solid	8015B NM	139343
MB 880-139343/1-A	Method Blank	Total/NA	Solid	8015B NM	139343
LCS 880-139343/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139343
LCSD 880-139343/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139343
890-9856-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	139343
890-9856-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139343

Analysis Batch: 139756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Total/NA	Solid	8015 NM	
880-71547-2	CS-2(0.5')	Total/NA	Solid	8015 NM	
880-71547-3	CS-3(0.5')	Total/NA	Solid	8015 NM	
880-71547-4	CS-4(0.5')	Total/NA	Solid	8015 NM	
880-71547-5	CS-5(0.5')	Total/NA	Solid	8015 NM	
880-71547-6	CS-6(0.5')	Total/NA	Solid	8015 NM	
880-71547-7	CS-7(0.5')	Total/NA	Solid	8015 NM	
880-71547-8	CS-8(0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 139322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Soluble	Solid	DI Leach	
880-71547-2	CS-2(0.5')	Soluble	Solid	DI Leach	
880-71547-3	CS-3(0.5')	Soluble	Solid	DI Leach	
880-71547-4	CS-4(0.5')	Soluble	Solid	DI Leach	
880-71547-5	CS-5(0.5')	Soluble	Solid	DI Leach	
880-71547-6	CS-6(0.5')	Soluble	Solid	DI Leach	
880-71547-7	CS-7(0.5')	Soluble	Solid	DI Leach	
880-71547-8	CS-8(0.5')	Soluble	Solid	DI Leach	
MB 880-139322/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139322/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139322/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71547-1 MS	CS-1(0.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 139322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1 MSD	CS-1(0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 139432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71547-1	CS-1(0.5')	Soluble	Solid	300.0	139322
880-71547-2	CS-2(0.5')	Soluble	Solid	300.0	139322
880-71547-3	CS-3(0.5')	Soluble	Solid	300.0	139322
880-71547-4	CS-4(0.5')	Soluble	Solid	300.0	139322
880-71547-5	CS-5(0.5')	Soluble	Solid	300.0	139322
880-71547-6	CS-6(0.5')	Soluble	Solid	300.0	139322
880-71547-7	CS-7(0.5')	Soluble	Solid	300.0	139322
880-71547-8	CS-8(0.5')	Soluble	Solid	300.0	139322
MB 880-139322/1-A	Method Blank	Soluble	Solid	300.0	139322
LCS 880-139322/2-A	Lab Control Sample	Soluble	Solid	300.0	139322
LCSD 880-139322/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139322
880-71547-1 MS	CS-1(0.5')	Soluble	Solid	300.0	139322
880-71547-1 MSD	CS-1(0.5')	Soluble	Solid	300.0	139322

Lab Chronicle

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-1(0.5')

Lab Sample ID: 880-71547-1
Matrix: Solid
Date Collected: 04/28/26 09:08
Date Received: 04/28/26 12:49

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	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/05/26 20:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/05/26 20:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 08:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 08:37	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 15:14	SMC	EET MID

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-71547-2
Matrix: Solid
Date Collected: 04/28/26 09:15
Date Received: 04/28/26 12:49

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	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/05/26 21:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/05/26 21:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 08:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 08:51	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 15:29	SMC	EET MID

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-71547-3
Matrix: Solid
Date Collected: 04/28/26 09:19
Date Received: 04/28/26 12:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/05/26 21:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/05/26 21:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 09:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 09:05	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 15:34	SMC	EET MID

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-71547-4
Matrix: Solid
Date Collected: 04/28/26 09:23
Date Received: 04/28/26 12:49

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	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/05/26 21:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/05/26 21:54	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-71547-4

Date Collected: 04/28/26 09:23
Matrix: Solid
Date Received: 04/28/26 12:49

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			139756	05/02/26 09:19	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 09:19	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 15:38	SMC	EET MID

Client Sample ID: CS-5(0.5')

Lab Sample ID: 880-71547-5

Date Collected: 04/28/26 09:28
Matrix: Solid
Date Received: 04/28/26 12:49

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	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/05/26 22:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/05/26 22:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 09:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 09:34	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 15:43	SMC	EET MID

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-71547-6

Date Collected: 04/28/26 09:31
Matrix: Solid
Date Received: 04/28/26 12:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/06/26 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/06/26 00:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 09:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 09:49	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 15:58	SMC	EET MID

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-71547-7

Date Collected: 04/28/26 09:36
Matrix: Solid
Date Received: 04/28/26 12:49

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	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/06/26 00:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/06/26 00:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 10:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 10:03	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-71547-7
Matrix: Solid
Date Collected: 04/28/26 09:36
Date Received: 04/28/26 12:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 16:03	SMC	EET MID

Client Sample ID: CS-8(0.5')

Lab Sample ID: 880-71547-8
Matrix: Solid
Date Collected: 04/28/26 09:43
Date Received: 04/28/26 12:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	139923	05/05/26 10:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139980	05/06/26 00:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140058	05/06/26 00:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			139756	05/02/26 10:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 10:17	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 16:08	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-71547-1
Project/Site: Tatanka North CTB (04.19.2026)
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

Method Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71547-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71547-1	CS-1(0.5')	Solid	04/28/26 09:08	04/28/26 12:49	Texas
880-71547-2	CS-2(0.5')	Solid	04/28/26 09:15	04/28/26 12:49	Texas
880-71547-3	CS-3(0.5')	Solid	04/28/26 09:19	04/28/26 12:49	Texas
880-71547-4	CS-4(0.5')	Solid	04/28/26 09:23	04/28/26 12:49	Texas
880-71547-5	CS-5(0.5')	Solid	04/28/26 09:28	04/28/26 12:49	Texas
880-71547-6	CS-6(0.5')	Solid	04/28/26 09:31	04/28/26 12:49	Texas
880-71547-7	CS-7(0.5')	Solid	04/28/26 09:36	04/28/26 12:49	Texas
880-71547-8	CS-8(0.5')	Solid	04/28/26 09:43	04/28/26 12:49	Texas

Chain of Custody

880-71547 Chain of Custody

5/6/2026

Page ___1___ of ___1___

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Tatanka North CTB (04.19.2026)	Turn Around	
Project Number:	3256	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	Standard
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		IR5	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		1	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		2.1	
Total Containers:		Corrected Temperature:		2.2	

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-1 (0.5')	4/28/2026	9:08	X		C	1	X	X	X		
CS-2 (0.5')	4/28/2026	9:15	X		C	1	X	X	X		
CS-3 (0.5')	4/28/2026	9:19	X		C	1	X	X	X		
CS-4 (0.5')	4/28/2026	9:23	X		C	1	X	X	X		
CS-5 (0.5')	4/28/2026	9:28	X		C	1	X	X	X		
CS-6 (0.5')	4/28/2026	9:31	X		C	1	X	X	X		
CS-7 (0.5')	4/28/2026	9:36	X		C	1	X	X	X		
CS-8 (0.5')	4/28/2026	9:43	X		C	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4.28.2612:49		4.28.2612:49

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71547-1
SDG Number: Lea County New Mexico

Login Number: 71547
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/7/2026 1:43:00 PM

JOB DESCRIPTION

Tatanka North CTB (04.19.2026)
Lea County New Mexico

JOB NUMBER

880-71548-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
5/7/2026 1:43:00 PM

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

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Laboratory Job ID: 880-71548-1
SDG: Lea County New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low 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 Job ID: 880-71548-1
Project: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1 Eurofins Midland

Job Narrative
880-71548-1

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 4/28/2026 12:49 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 2.2°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139928 and analytical batch 880-140068 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H - 1 (0-0.5') (880-71548-1). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics
Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139708 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139708/112).

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: H - 3 (0-0.5') (880-71548-3). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71548-1
Matrix: Solid
Date Collected: 04/28/26 10:00
Date Received: 04/28/26 12:49

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		05/05/26 11:19	05/06/26 15:59	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:59	1
Ethylbenzene	<0.00200	U F2 F1	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:59	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		05/05/26 11:19	05/06/26 15:59	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:59	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		05/05/26 11:19	05/06/26 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*60*	*S1-*	*70 - 130*	*05/05/26 11:19*	*05/06/26 15:59*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*05/05/26 11:19*	*05/06/26 15:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/06/26 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/02/26 10:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/29/26 10:41	05/02/26 10:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/29/26 10:41	05/02/26 10:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/29/26 10:41	05/02/26 10:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*04/29/26 10:41*	*05/02/26 10:46*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*04/29/26 10:41*	*05/02/26 10:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.2**		10.0		mg/Kg			04/30/26 16:13	1

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

Lab Sample ID: 880-71548-2
Matrix: Solid
Date Collected: 04/28/26 10:05
Date Received: 04/28/26 12:49

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		05/05/26 11:19	05/06/26 16:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/05/26 11:19	05/06/26 16:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/05/26 11:19	05/06/26 16:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/05/26 11:19	05/06/26 16:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/05/26 11:19	05/06/26 16:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/05/26 11:19	05/06/26 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*05/05/26 11:19*	*05/06/26 16:19*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/05/26 11:19*	*05/06/26 16:19*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71548-2
Matrix: Solid
Date Collected: 04/28/26 10:05
Date Received: 04/28/26 12:49

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			05/06/26 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/02/26 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 11:01	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 11:01	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/29/26 10:41*	*05/02/26 11:01*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*04/29/26 10:41*	*05/02/26 11:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.8**		10.1		mg/Kg			04/30/26 16:18	1

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

Lab Sample ID: 880-71548-3
Matrix: Solid
Date Collected: 04/28/26 10:09
Date Received: 04/28/26 12:49

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		05/05/26 11:19	05/06/26 16:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/05/26 11:19	05/06/26 16:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/05/26 11:19	05/06/26 16:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/05/26 11:19	05/06/26 16:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/05/26 11:19	05/06/26 16:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/05/26 11:19	05/06/26 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*05/05/26 11:19*	*05/06/26 16:40*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/05/26 11:19*	*05/06/26 16:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/06/26 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/02/26 11:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/29/26 10:41	05/02/26 11:15	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/29/26 10:41	05/02/26 11:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71548-3
Matrix: Solid
Date Collected: 04/28/26 10:09
Date Received: 04/28/26 12:49

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/29/26 10:41	05/02/26 11:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/29/26 10:41*	*05/02/26 11:15*	*1*
o-Terphenyl (Surr)	*69*	*S1-*	*70 - 130*	*04/29/26 10:41*	*05/02/26 11:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.3**		10.0		mg/Kg			04/30/26 16:23	1

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

Lab Sample ID: 880-71548-4
Matrix: Solid
Date Collected: 04/28/26 10:15
Date Received: 04/28/26 12:49

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		05/05/26 11:19	05/06/26 17:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 17:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 17:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		05/05/26 11:19	05/06/26 17:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 17:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/05/26 11:19	05/06/26 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/05/26 11:19*	*05/06/26 17:00*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/05/26 11:19*	*05/06/26 17:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/06/26 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/02/26 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 11:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 11:30	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/29/26 10:41	05/02/26 11:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*04/29/26 10:41*	*05/02/26 11:30*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*04/29/26 10:41*	*05/02/26 11:30*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.1**		10.0		mg/Kg			04/30/26 16:38	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-71548-1	H - 1 (0-0.5')	60 S1-	114
880-71548-1 MS	H - 1 (0-0.5')	117	101
880-71548-1 MSD	H - 1 (0-0.5')	110	101
880-71548-2	H - 2 (0-0.5')	101	104
880-71548-3	H - 3 (0-0.5')	119	100
880-71548-4	H - 4 (0-0.5')	104	89
LCS 880-139928/1-A	Lab Control Sample	103	102
LCSD 880-139928/2-A	Lab Control Sample Dup	114	101
MB 880-139928/5-A	Method Blank	112	90

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-71548-1	H - 1 (0-0.5')	93	70
880-71548-2	H - 2 (0-0.5')	88	71
880-71548-3	H - 3 (0-0.5')	88	69 S1-
880-71548-4	H - 4 (0-0.5')	91	73
890-9856-A-9-B MS	Matrix Spike	99	86
890-9856-A-9-C MSD	Matrix Spike Duplicate	100	87
LCS 880-139343/2-A	Lab Control Sample	85	79
LCSD 880-139343/3-A	Lab Control Sample Dup	101	101
MB 880-139343/1-A	Method Blank	95	84

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139928/5-A
Matrix: Solid
Analysis Batch: 140068

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/05/26 11:19	05/06/26 15:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/05/26 11:19	05/06/26 15:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/05/26 11:19	05/06/26 15:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/05/26 11:19*	*05/06/26 15:37*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*05/05/26 11:19*	*05/06/26 15:37*	*1*

Lab Sample ID: LCS 880-139928/1-A
Matrix: Solid
Analysis Batch: 140068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139928

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09033		mg/Kg		90	70 - 130		
Toluene			0.100	0.09275		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.09461		mg/Kg		95	70 - 130		
m-Xylene & p-Xylene			0.200	0.1767		mg/Kg		88	70 - 130		
o-Xylene			0.100	0.08670		mg/Kg		87	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 880-139928/2-A
Matrix: Solid
Analysis Batch: 140068

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139928

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09425		mg/Kg		94	70 - 130	4	35
Toluene			0.100	0.1008		mg/Kg		101	70 - 130	8	35
Ethylbenzene			0.100	0.1049		mg/Kg		105	70 - 130	10	35
m-Xylene & p-Xylene			0.200	0.2009		mg/Kg		100	70 - 130	13	35
o-Xylene			0.100	0.09921		mg/Kg		99	70 - 130	13	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-71548-1 MS
Matrix: Solid
Analysis Batch: 140068

Client Sample ID: H - 1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 139928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1	0.100	0.02505	F1	mg/Kg		25	70 - 130		
Toluene	<0.00200	U F1	0.100	0.03565	F1	mg/Kg		36	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71548-1 MS
Matrix: Solid
Analysis Batch: 140068

Client Sample ID: H - 1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 139928

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F2 F1	0.100	0.01009	F1	mg/Kg		10	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.06684	F1	mg/Kg		33	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04225	F1	mg/Kg		42	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-71548-1 MSD
Matrix: Solid
Analysis Batch: 140068

Client Sample ID: H - 1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 139928

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.02474	F1	mg/Kg		25	70 - 130	1	35
Toluene	<0.00200	U F1	0.100	0.02671	F1	mg/Kg		27	70 - 130	29	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02404	F2 F1	mg/Kg		24	70 - 130	82	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.05180	F1	mg/Kg		26	70 - 130	25	35
o-Xylene	<0.00200	U F1	0.100	0.03053	F1	mg/Kg		31	70 - 130	32	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

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

Lab Sample ID: MB 880-139343/1-A
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139343

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		04/29/26 10:41	05/02/26 04:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 04:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/29/26 10:41	05/02/26 04:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*04/29/26 10:41*	*05/02/26 04:25*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/29/26 10:41*	*05/02/26 04:25*	*1*

Lab Sample ID: LCS 880-139343/2-A
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139343

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	938.5		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139343/2-A
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139343

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: LCSD 880-139343/3-A
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139343

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1011		mg/Kg		101	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	1258		mg/Kg		126	70 - 130	19	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	101		70 - 130

Lab Sample ID: 890-9856-A-9-B MS
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139343

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	857.6		mg/Kg		84	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	968.1		mg/Kg		94	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	86		70 - 130

Lab Sample ID: 890-9856-A-9-C MSD
Matrix: Solid
Analysis Batch: 139708

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139343

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	<50.1	U	1000	891.6		mg/Kg		87	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	970.9		mg/Kg		94	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	87		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-139322/1-A
Matrix: Solid
Analysis Batch: 139432

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			04/30/26 14:59	1

Lab Sample ID: LCS 880-139322/2-A
Matrix: Solid
Analysis Batch: 139432

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	243.7		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-139322/3-A
Matrix: Solid
Analysis Batch: 139432

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	243.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-71548-3 MS
Matrix: Solid
Analysis Batch: 139432

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	27.3		250	299.3		mg/Kg		109	90 - 110		

Lab Sample ID: 880-71548-3 MSD
Matrix: Solid
Analysis Batch: 139432

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.3		250	299.5		mg/Kg		109	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 139928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Total/NA	Solid	5035	
880-71548-2	H - 2 (0-0.5')	Total/NA	Solid	5035	
880-71548-3	H - 3 (0-0.5')	Total/NA	Solid	5035	
880-71548-4	H - 4 (0-0.5')	Total/NA	Solid	5035	
MB 880-139928/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139928/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139928/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71548-1 MS	H - 1 (0-0.5')	Total/NA	Solid	5035	
880-71548-1 MSD	H - 1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 140068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Total/NA	Solid	8021B	139928
880-71548-2	H - 2 (0-0.5')	Total/NA	Solid	8021B	139928
880-71548-3	H - 3 (0-0.5')	Total/NA	Solid	8021B	139928
880-71548-4	H - 4 (0-0.5')	Total/NA	Solid	8021B	139928
MB 880-139928/5-A	Method Blank	Total/NA	Solid	8021B	139928
LCS 880-139928/1-A	Lab Control Sample	Total/NA	Solid	8021B	139928
LCSD 880-139928/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139928
880-71548-1 MS	H - 1 (0-0.5')	Total/NA	Solid	8021B	139928
880-71548-1 MSD	H - 1 (0-0.5')	Total/NA	Solid	8021B	139928

Analysis Batch: 140201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71548-2	H - 2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71548-3	H - 3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-71548-4	H - 4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 139343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71548-2	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71548-3	H - 3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-71548-4	H - 4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-139343/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139343/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139343/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9856-A-9-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9856-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Total/NA	Solid	8015B NM	139343
880-71548-2	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	139343
880-71548-3	H - 3 (0-0.5')	Total/NA	Solid	8015B NM	139343
880-71548-4	H - 4 (0-0.5')	Total/NA	Solid	8015B NM	139343
MB 880-139343/1-A	Method Blank	Total/NA	Solid	8015B NM	139343
LCS 880-139343/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139343

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 139708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-139343/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139343
890-9856-A-9-B MS	Matrix Spike	Total/NA	Solid	8015B NM	139343
890-9856-A-9-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139343

Analysis Batch: 139757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Total/NA	Solid	8015 NM	
880-71548-2	H - 2 (0-0.5')	Total/NA	Solid	8015 NM	
880-71548-3	H - 3 (0-0.5')	Total/NA	Solid	8015 NM	
880-71548-4	H - 4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 139322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Soluble	Solid	DI Leach	
880-71548-2	H - 2 (0-0.5')	Soluble	Solid	DI Leach	
880-71548-3	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
880-71548-4	H - 4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-139322/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139322/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139322/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71548-3 MS	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
880-71548-3 MSD	H - 3 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 139432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71548-1	H - 1 (0-0.5')	Soluble	Solid	300.0	139322
880-71548-2	H - 2 (0-0.5')	Soluble	Solid	300.0	139322
880-71548-3	H - 3 (0-0.5')	Soluble	Solid	300.0	139322
880-71548-4	H - 4 (0-0.5')	Soluble	Solid	300.0	139322
MB 880-139322/1-A	Method Blank	Soluble	Solid	300.0	139322
LCS 880-139322/2-A	Lab Control Sample	Soluble	Solid	300.0	139322
LCSD 880-139322/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139322
880-71548-3 MS	H - 3 (0-0.5')	Soluble	Solid	300.0	139322
880-71548-3 MSD	H - 3 (0-0.5')	Soluble	Solid	300.0	139322

Lab Chronicle

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71548-1
Matrix: Solid
Date Collected: 04/28/26 10:00
Date Received: 04/28/26 12:49

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	139928	05/05/26 11:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140068	05/06/26 15:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140201	05/06/26 15:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			139757	05/02/26 10:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 10:46	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 16:13	SMC	EET MID

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

Lab Sample ID: 880-71548-2
Matrix: Solid
Date Collected: 04/28/26 10:05
Date Received: 04/28/26 12:49

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	139928	05/05/26 11:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140068	05/06/26 16:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140201	05/06/26 16:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			139757	05/02/26 11:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 11:01	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 16:18	SMC	EET MID

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

Lab Sample ID: 880-71548-3
Matrix: Solid
Date Collected: 04/28/26 10:09
Date Received: 04/28/26 12:49

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	139928	05/05/26 11:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140068	05/06/26 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140201	05/06/26 16:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			139757	05/02/26 11:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 11:15	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 16:23	SMC	EET MID

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

Lab Sample ID: 880-71548-4
Matrix: Solid
Date Collected: 04/28/26 10:15
Date Received: 04/28/26 12:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	139928	05/05/26 11:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140068	05/06/26 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140201	05/06/26 17:00	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Date Collected: 04/28/26 10:15
Date Received: 04/28/26 12:49

Lab Sample ID: 880-71548-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			139757	05/02/26 11:30	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139343	04/29/26 10:41	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139708	05/02/26 11:30	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139322	04/29/26 08:40	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139432	04/30/26 16:38	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-71548-1
Project/Site: Tatanka North CTB (04.19.2026)
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

Method Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Tatanka North CTB (04.19.2026)

Job ID: 880-71548-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71548-1	H - 1 (0-0.5')	Solid	04/28/26 10:00	04/28/26 12:49	Texas
880-71548-2	H - 2 (0-0.5')	Solid	04/28/26 10:05	04/28/26 12:49	Texas
880-71548-3	H - 3 (0-0.5')	Solid	04/28/26 10:09	04/28/26 12:49	Texas
880-71548-4	H - 4 (0-0.5')	Solid	04/28/26 10:15	04/28/26 12:49	Texas

Chain of Custody

880-71548 Chain of Custody

5/7/2026

Page ___1___ of ___1___

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Tatanka North CTB (04.19.2026)	Turn Around	
Project Number:	3256	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	Standard
Sampler's Name:	JDC		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:		IR5
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		.1
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:		2.1
Total Containers:		Corrected Temperature:		2.2

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
H-1 (0-0.5')	4/28/2026	10:00	X		G	1	X	X	X		
H-2 (0-0.5')	4/28/2026	10:05	X		G	1	X	X	X		
H-3 (0-0.5')	4/28/2026	10:09	X		G	1	X	X	X		
H-4 (0-0.5')	4/28/2026	10:15	X		G	1	X	X	X		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4.28.26 12:49		4.28.26 12:49

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71548-1
SDG Number: Lea County New Mexico

Login Number: 71548
List Number: 1
Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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 582664

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582664
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2611037443**
Incident Name	**NAPP2611037443 TATANKA NORTH CTB @ FAPP2215834549**
Incident Type	**Fire**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2215834549] Tatanka North CTB**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Tatanka North CTB
Date Release Discovered	04/19/2026
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Crude Oil | Released: 0 BBL (Unknown Released Amount) | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
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)	We had a reportable fire at the Tatanka North CTB due to fluid carrying over to the flare. Further investigation is ongoing. Preliminary findings suggest the Vapor Recovery Tower experienced a LSHH, which caused oil to carry over to the flare. Although the facility alarm was triggered, the wells did not ESD. • No emergency services were notified. • No injuries were reported because of the fire. • The release was not in an area highly visible to the public. • The impact remained on the well pad, near the LP flare. • The facility is situated in a low karst area, and there has been no impact on wetland features, significant watercourses, or any other sensitive environmental aspects. • The fire self-extinguished. • This email serves as NOR for the BLM. We will be scheduling an assessment and remediation of the affected area in the coming days.

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582664
	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	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more;** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
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	*Not answered.*
Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/08/2026

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QUESTIONS (continued)

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	Action Number: 582664
	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)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
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.	
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)	124
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	57
GRO+DRO (EPA SW-846 Method 8015M)	57
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	04/27/2026
On what date will (or did) the final sampling or liner inspection occur	04/28/2026
On what date will (or was) the remediation complete(d)	04/28/2026
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	1400
What is the estimated volume (in cubic yards) that will be remediated	20
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Number: 582664
	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: 05/08/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**578757**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/28/2026**
What was the (estimated) number of samples that were to be gathered	**12**
What was the sampling surface area in square feet	**1400**

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	1400
What was the total volume (cubic yards) remediated	20
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)	Following the flare fire, the area was scraped to removed all charred caliche from around the flare. Confirmation surface samples were collected and confirmed the removal of any/all contamination from the fire.

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: 05/08/2026

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QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator:	OGRID:
Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	215099
	Action Number: 582664
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	5/15/2026