CARMONA RESOURCES

SITE INFORMATION

Closure Report
Tatanka Federal 1H Battery (04.16.2021)
Incident ID: nAPP2110648325
Lea County, New Mexico
Unit P, Sec 11, T26S, R35E
32.05115929°, -103.3442896° (Well Site)
32.053758°, -103.331362° (Incident Area at Facility)

Produced Water Release
Point of Release: Dump Line Corrosion Leak
Release Date: 04.16.2021
Volume Released: 15 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

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 6, 2026

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

Re: **Closure Report**
Tatanka Federal 1H Battery (04.16.2021)
Incident ID: nAPP2110648325
Coterra Energy Operating Co.
Site Location: Unit P, S11, T26S, R35E
32.05115929°, -103.3442896° (Well Head Associated with Release)
32.053758°, -103.331362° (Incident Area at Facility)
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 assessment and confirmation sampling conducted at the Tatanka Federal 1H Battery, located at 32.053758°, -103.331362° within Unit P, S11, T26S, 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 16, 2021, due to a dump line corrosion leak. The incident resulted in the release of fifteen (15) barrels of produced water, with zero (0) barrels recovered. The area affected by the release is approximately 2,300 square feet to 3,000 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 0.22 miles South of the site in S11, T26S, 35E, and was drilled in 2025. 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 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.

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

4.0 Previous Site Activities (2022)

Initial Assessment

As seen in Appendix F, on December 6, 2022, third-party contractors performed site assessment activities via a hand auger to evaluate soil impacts stemming from the release. A total of fourteen (14) Sample Points (SP1-1 through SP3-4) were advanced to depths ranging from surface to 10 inches bgs inside the release area to evaluate the vertical extent of the release. See Appendix F for the sample locations. Samples were reported to be submitted to Cardinal Laboratories in Hobbs, New Mexico but the laboratory reports cannot be found at this time.

Chloride concentrations onsite ranged from 32 mg/kg to 12,400 mg/kg. At the time, groundwater had not been adequately defined within 0.50 miles of the site.

Following the sample analysis, a deferral report was created and submitted to the NMOCD on February 7, 2023. The Deferral Request was later denied for the following reasons:

Deferral Request Denied. The release has not been sufficiently addressed. Confirmation soil samples exceed closure criteria. Make sure sidewall/lateral samples should be delineated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Laboratory data needs to be included in your report submittal. A deferral around critical infrastructure will need to be submitted after all possible contaminated soil is removed. Specifying exactly which sample points you are asking for a deferral on and the reason the contaminants cannot be removed is required. Only sample locations that are right adjacent to equipment and require a major deconstruction will be available for a deferral. If you believe a certain area will require a deferral, please make sure that it has been fully delineated and specify the exact soil sample location. Please resubmit a revised Deferral Request by March 10, 2023 to the OCD portal.

In the Spring of 2025, Coterra Energy Operating acquired the well and tank battery associated with this release from Franklin Mountain Energy and took over incident management.

5.0 Confirmation Sampling Activities

On October 20, 2025, a GWDB was drilled within 0.50 miles of the site to assist in defining the remediation requirements for this site per NMAC 19.15.29.12. During that time, a hand crew was onsite to conduct a manual scrape to remove any and all stained caliche from the surface of the well pad in the affected area. A total of 5 cubic yards of material was removed from the site and was taken to Lea Land Disposal.

On April 30, 2026, Carmona Resources personnel were onsite to collect confirmation samples. 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. To satisfy parts of the denial message mentioned above and to laterally define the area, a total of seven (7) horizontal samples (H-1 through H-7) were collected for horizontal delineation, and sixteen (16) confirmation floor samples (CS-1 through CS-16) were collected every 200 square feet to ensure the proper removal of contaminated soil. Composite confirmation sidewall samples were not collected due to the scraped area by the hand crew not exceeding 1.0 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 confirmation sample locations are shown in Figure 3.

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Approximately 3,000 square feet of impacted area was remediated, resulting in the removal of an estimated 5 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.

6.0 Conclusions

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

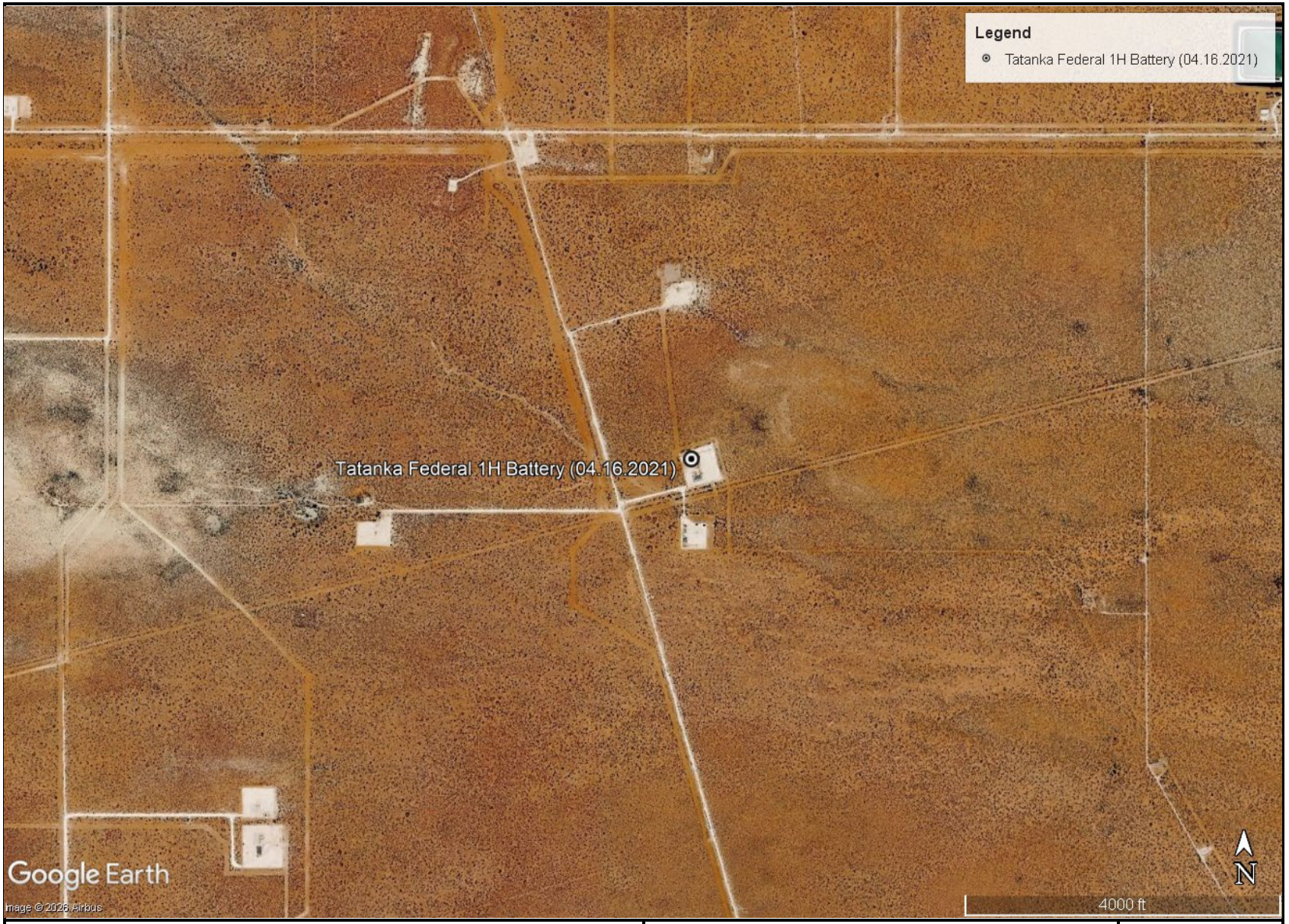
Ashton Thielke
Director of Operations

Gilbert Priego Jr
Project Manager

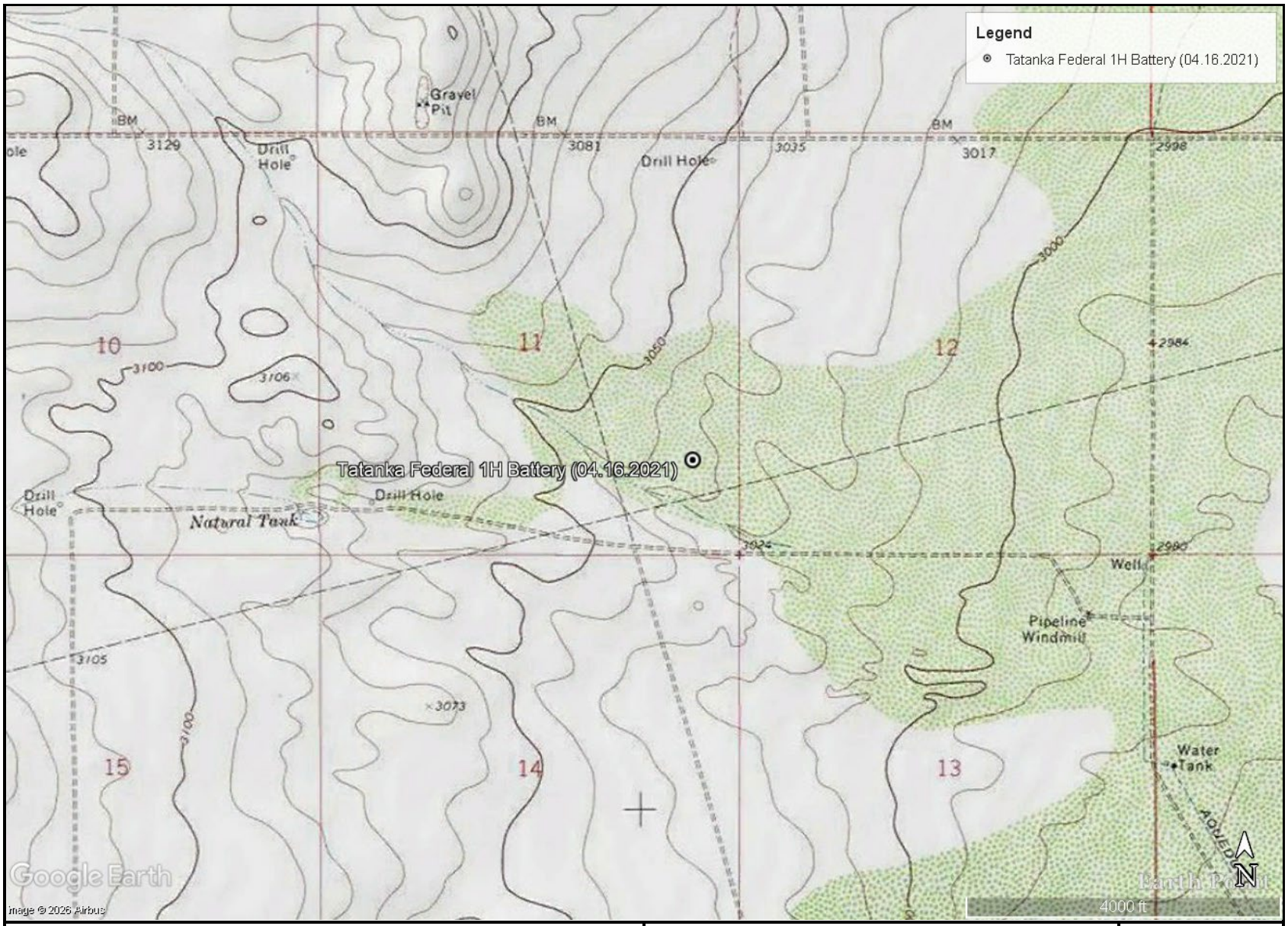
310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

FIGURES

CARMONA RESOURCES



OVERVIEW MAP COTERRA ENERGY OPERATING CO. TATANKA FEDERAL 1H BATTERY (04.16.2021) LEA COUNTY, NEW MEXICO 32.053758°, -103.331362°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP COTERRA ENERGY OPERATING CO. TATANKA FEDERAL 1H BATTERY (04.16.2021) LEA COUNTY, NEW MEXICO 32.053758°, -103.331362°	CARMONA RESOURCES	FIGURE 2

RELEASE AREA MAP COTERRA ENERGY OPERATING CO. TATANKA FEDERAL 1H BATTERY (04.16.2021) LEA COUNTY, NEW MEXICO 32.053758°, -103.331362°	CARMONA RESOURCES	FIGURE 3

CONFIRMATION SAMPLING MAP COTERRA ENERGY OPERATING CO. TATANKA FEDERAL 1H BATTERY (04.16.2021) LEA COUNTY, NEW MEXICO 32.053758°, -103.331362°	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
Coterra Energy Operating Co.
Tatanka Federal 1H Battery (04.16.2021)
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	4/30/2026	0.25'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,590
CS-2	4/30/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,140
CS-3	4/30/2026	0.25'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,880
CS-4	4/30/2026	0.25'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,130
CS-5	4/30/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,300
CS-6	4/30/2026	0.25'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,910
CS-7	4/30/2026	0.25'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,130
CS-8	4/30/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,760
CS-9	4/30/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,110
CS-10	4/30/2026	0.25'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,190
CS-11	4/30/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,630
CS-12	4/30/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,460
CS-13	4/30/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,720
CS-14	4/30/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,150
CS-15	4/30/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,890
CS-16	4/30/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,970
Regulatory Criteria [A]			1,000 mg/kg			2,500 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 Federal 1H Battery (04.16.2021)
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	4/30/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
H-2	4/30/2026	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	23.0
H-3	4/30/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	0.00223	<0.00404	<0.00404	<9.92
H-4	4/30/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.5
H-5	4/30/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
H-6	4/30/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
H-7	4/30/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.8
Regulatory Criteria [A]						**100 mg/kg**	**10 mg/kg**				**50 mg/kg**	**600 mg/kg**

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

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

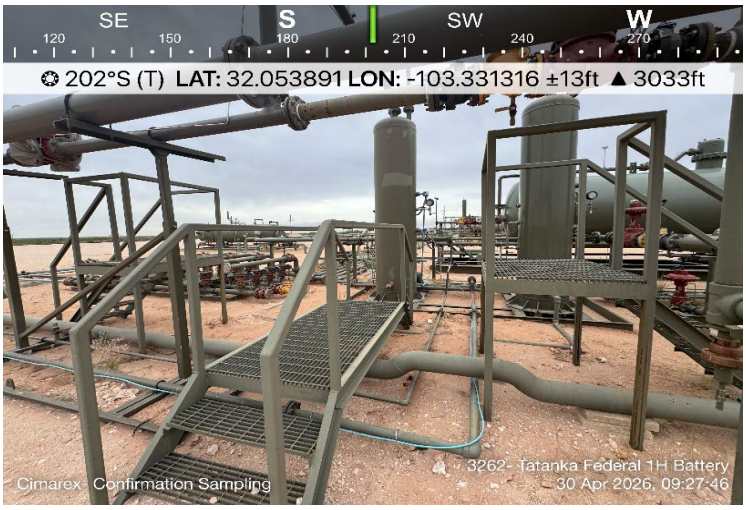
Coterra Energy Operating Co.

Photograph No. 1

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

Description:
View South, area of CS-9 through CS-16.



Photograph No. 2

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

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

Photograph No. 3

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

Description:
View South, area of CS-9 through CS-16.

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

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

Photograph No. 5

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

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

Photograph No. 6

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

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

CARMONA RESOURCES

PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 7

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

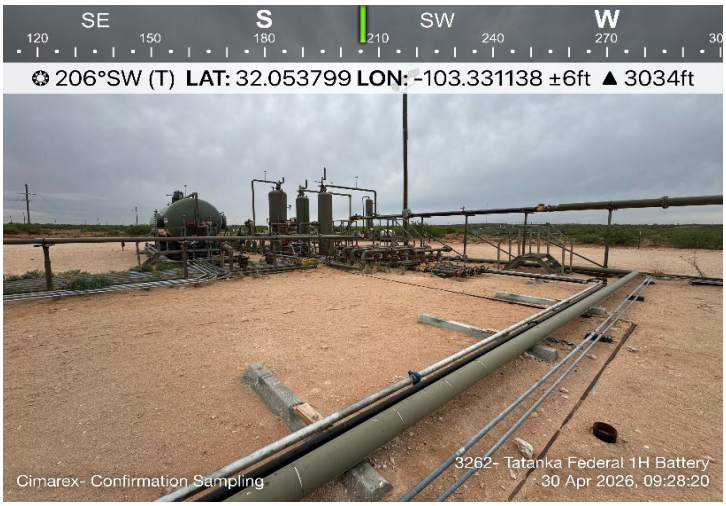
Description:
View Southwest, area of CS-9 through CS-16.

Photograph No. 8

Facility: Tatanka Federal 1H Battery (04.16.2021)

County: Lea County, New Mexico

Description:
View Southwest, area of CS-9 through CS-16.



CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES

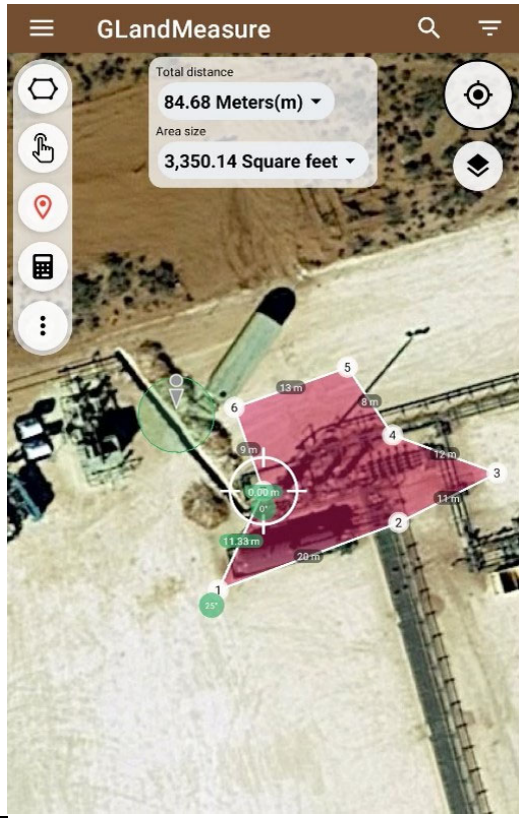
Date: 4/16/2021 ~11:00 AM MST
Location: Tatanka Federal 1H Battery
Incident: Spill Outside Containment – Water (Est 13 bbl)

Description:
At 10:56 AM on 4/16/21, an offset operator notified Franklin Mountain Energy LLC employee, Clay Treadway, via a phone call of an observed and active leak at the Tatanka Federal 1H Battery. Well was immediately shut-in remotely. Via well site telemetry, it was confirmed that the well was shut-in by 11:05 AM on 4/16/21. Franklin Mountain Energy lease operator, Daniel Aylor, was on location by 11:25 AM. After arriving on location, a small pin hole leak was observed in the gas scrubber drain line, which transfers produced water (with small amounts of oil and condensate) from the gas scrubber to onsite storage tanks. The line was isolated and Franklin Mountain Lease operator confirmed the leak was completely isolated and stopped.

FRANKLIN MOUNTAIN ENERGY

FRANKLIN MOUNTAIN ENERGY

FRANKLIN MOUNTAIN ENERGY

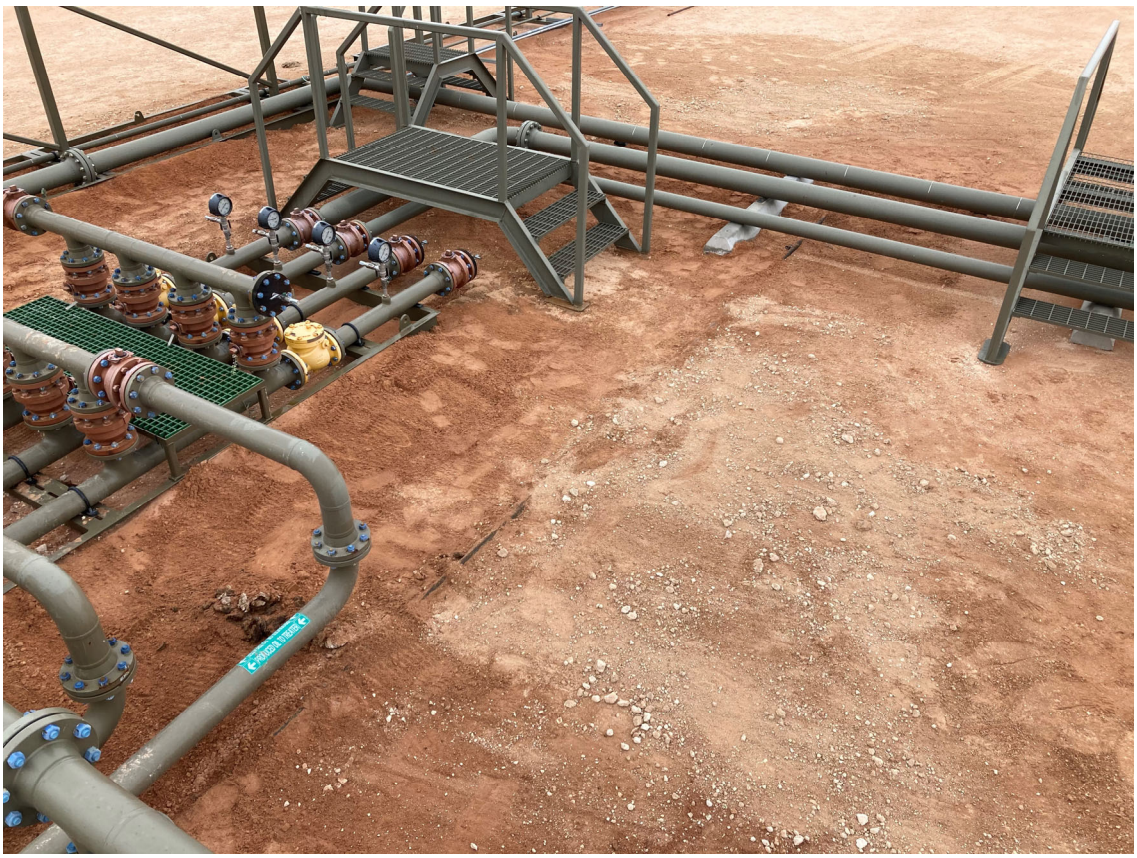


FRANKLIN MOUNTAIN ENERGY

Root Cause:
Line from 2 phase separator was isolated on tank end of line but was not isolated on the vessel end of line, therefore, the line could see pressure when 2 phase dumped.

Remediation:
Dispatched vac truck to pick up all remaining fluid. Brought in skid steer and gang to dig out contaminated soil and replace with clean soil. Remediation work was completed 4/19/2021.

FRANKLIN MOUNTAIN ENERGY



FRANKLIN MOUNTAIN ENERGY

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2110648325
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Franklin Mountain Energy, LLC	OGRID: 373910
Contact Name: Craig Walters	Contact Telephone: 720-414-7868
Contact email: cwalters@fmellc.com	Incident # *(assigned by OCD):* NAPP2110648325
Contact mailing address: 44 Cook Street, Suite 1000, Denver, CO 80206	

Location of Release Source

Latitude 32.051159 Longitude -103.344890
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Tatanka Battery	Site Type: Production Facility
Date Release Discovered: April 16, 2021	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
P	11	26S	35E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 13	Volume Recovered (bbls) 13
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A small, pin hole sized leak was observed in the gas scrubber drain line, which transfers produced water from the gas scrubber to onsite storage tanks. Line from 2 phase separator was isolated on Tank end of line but was not isolated on vessel end of line, therefore, line could see pressure when 2 phase dumped.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2110648325
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Rachael Overbey Title: Dir. Ops Planning & Regulatory

Signature: Rachael Overbey Date: 4/26/2021

email: roverbey@fmellc.com Telephone: 303-570-4057

OCD Only

Received by: Ramona Marcus Date: 5/7/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 24358

CONDITIONS OF APPROVAL

Operator:	OGRID:	Action Number:	Action Type:
FRANKLIN MOUNTAIN ENERGY LLC 44 Cook Street Suite 1000 Denver, CO80206	373910	24358	C-141

OCD Reviewer	Condition
rmarcus	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	NAPP2110648325
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Franklin Mountain Energy, LLC	OGRID: 373910
Contact Name: Craig Walters	Contact Telephone: 720-414-7868
Contact email: cwalters@fmellc.com	Incident # *(assigned by OCD):* NAPP2110648325
Contact mailing address: 44 Cook Street, Suite 1000, Denver, CO 80206	

Location of Release Source

Latitude 32.051159 Longitude -103.344890
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Tatanka Battery	Site Type: Production Facility
Date Release Discovered: April 16, 2021	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
P	11	26S	35E	Lea

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 13	Volume Recovered (bbls) 13
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☒ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A small, pin hole sized leak was observed in the gas scrubber drain line, which transfers produced water from the gas scrubber to onsite storage tanks. Line from 2 phase separator was isolated on Tank end of line but was not isolated on vessel end of line, therefore, line could see pressure when 2 phase dumped.

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2110648325
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☐ Yes ☒ No	If YES, for what reason(s) does the responsible party consider this a major release?
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Rachael Overbey Title: Dir. Ops Planning & Regulatory

Signature: Rachael Overbey Date: 4/26/2021

email: roverbey@fmellc.com Telephone: 303-570-4057

OCD Only

Received by: Ramona Marcus Date: 5/7/2021

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 24349

QUESTIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 24349
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all of the questions in this group.	
Site Name	Tatanka Federal 1H Battery
Date Release Discovered	04/16/2021
Surface Owner	Federal

Incident Details	
Please answer all of the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	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	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 15 BBL | Recovered: 0 BBL | Lost: 15 BBL]
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Dump line corrosion leak. Line has been isolated. Clean up process is underway.
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 19.15.29.7(A) NMAC	**No, minor release.**
Reasons why this would be considered a submission for a notification of a major release	
If YES, was immediate notice given to the OCD, by whom	*Not answered.*
If YES, was immediate notice given to the OCD, to whom	*Not answered.*
If YES, was immediate notice given to the OCD, when	*Not answered.*
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	*Not answered.*
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	False
If all the actions described above have not been undertaken, explain why	Cleanup is underway.
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the	

follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 24349
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit notification of a releases on behalf of my operator.
☑	I acknowledge that upon submitting this application, I will be creating an 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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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Operator: Franklin Mountain Energy LLC 44 Cook Street Denver, CO 80206	OGRID: 373910
	Action Number: 24349
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
system	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/16/2021

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 578775

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 578775
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2110648325**
Incident Name	**NAPP2110648325 TATANKA FEDERAL 1H BATTERY @ 30-025-44569**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Plan Received**
Incident Well	**[30-025-44569] TATANKA FEDERAL #001H**

Location of Release Source	
Site Name	**TATANKA FEDERAL 1H BATTERY**
Date Release Discovered	**04/16/2021**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	3,000
What is the estimated number of samples that will be gathered	30
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/30/2026
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	32.053860°, -103.331241° (Coordinates wrong on official incident page). Based off of previous closure report submission, groundwater has recently been defined. Surface composite confirmation samples and horizontal grab samples will be collected.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 578775
	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

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Coterra Energy Operating Co.

Legend

- 0.22 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Tatanka Federal 1H Battery (04.16.2021)

Tatanka Federal 1H Battery (04.16.2021)

105' GWDB - Drilled 2025

Google Earth

3000 ft

N

Low Karst

Coterra Energy Operating Co.

Legend

Low

Tatanka Federal 1H Battery (04.16.2021)

Tatanka Federal 1H Battery (04.16.2021)

Google Earth

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
L 15939 POD1		L	LE	SE	SE	SE	11	26S	35E	657579.5	3547273.1		352	105		
J 00005 POD1		J	LE	NE	NE	NE	13	26S	35E	659200.0	3547174.0 *		1719	601	230	371
CP 01170 POD1		CP	LE	SW	SW	SW	06	26S	36E	659281.6	3548984.5		2210	500	280	220
CP 01170 POD1	C	CP	LE	SW	SW	SW	06	26S	36E	659281.6	3548984.5		2210	500	280	220
J 00001	R	J	LE	NW	NW	SW	18	26S	36E	659416.0	3546374.0 *		2253	550	253	297
J 00001 POD3		J	LE	NW	NW	SW	18	26S	36E	659416.0	3546374.0 *		2253	550	253	297
J 00042 POD1		J	LE	SW	NW	SW	18	26S	36E	659506.6	3546134.1		2466	710	270	440
CP 01267 POD1		CP	LE	SW	SE	SW	06	26S	36E	659759.1	3548807.1		2515	585	200	385
J 00041 POD1		J	LE	NW	NW	NW	19	26N	36E	659404.2	3545621.4		2735		270	
J 00045 POD1	R	J	LE	SE	SW	SW	18	26S	36E	659721.0	3545837.0		2818	730	270	460
J 00002 X2		J	LE		SE	SW	18	26S	36E	659929.0	3545879.0 *		2957	650	214	436
J 00063 POD1		J	LE	SE	NW	NW	19	26S	36E	659644.8	3545270.6		3156	705	268	437
J 00002 X3		J	LE	NE	SW	NW	19	26S	36E	659642.9	3545257.4		3165	710	216	494
CP 01263 POD3		CP	LE	SE	NW	SW	06	26S	36E	660038.4	3549729.4		3267	516	240	276
J 00043 POD1		J	LE	NW	NW	NE	19	26S	36E	660221.2	3545607.4		3354			
CP 01784 POD1		CP	LE	NE	NE	NE	07	26S	36E	660779.7	3548795.5		3445	511	265	246
C 03795 POD1		C	LE	SE	SE	SW	24	26S	35E	658419.2	3544221.2		3513	496	250	246
J 00001 POD5		J	LE	NE	SE	NW	19	26S	36E	660099.0	3545187.0		3533		260	
CP 01351 POD1		CP	LE	SE	SE	SE	06	26S	36E	660854.8	3549021.5		3597	600	267	333
J 00001 POD4		J	LE	NW	SW	NE	19	26S	36E	660244.0	3545180.0 *		3644	640	250	390
J 00001 X		J	LE	NW	SW	NE	19	26S	36E	660244.0	3545180.0 *		3644	640	250	390
CP 01285 POD1		CP	LE	SW	SW	SW	05	26S	36E	661070.4	3548991.0		3786	511	250	261
CP 01305 POD1		CP	LE		NW	SE	31	25S	37E	655627.9	3551065.4		3937	420	230	190
CP 01920 POD1		CP	LE	SE	SW	SE	31	25S	36E	660281.8	3550531.1		3996	101		

Average Depth to Water: **250 feet**

Minimum Depth: **200 feet**

Maximum Depth: **280 feet**

Record Count: 24

UTM Filters (in meters):

Easting: 657540.00

Northing: 3547623.00

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		L-15939

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

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
840 Gessner Rd, Ste. 1400	Houston	TX	77024-4152

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	3	2.5	N
	LONGITUDE	103	19	51.2	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

SESE S-11 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)
10/20/25	10/20/25	105	105	Dry Hole

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

STATIC WATER LEVEL IN COMPLETED WELL (FT):

DATE STATIC MEASURED:

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				

OSE DII ROSWELL NM
31 OCT '25 PM1:35

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. L-15939	POD NO. 1	TRN NO. 789636	
LOCATION 26S.35E.11 444		WELL TAG ID NO. NA	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	5	5	red sandy clay	Y ✓ N	
5	20	15	dry red sand	Y ✓ N	
15	105	90	dry light tan sand	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	
				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):

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 10/20/25, gauged on 10/23/25, we bore was dry, casing was removed and well bore was plugged according to the approved PPOO.

OSE DII ROSWELL NM
31 OCT '25 PM1:35

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:

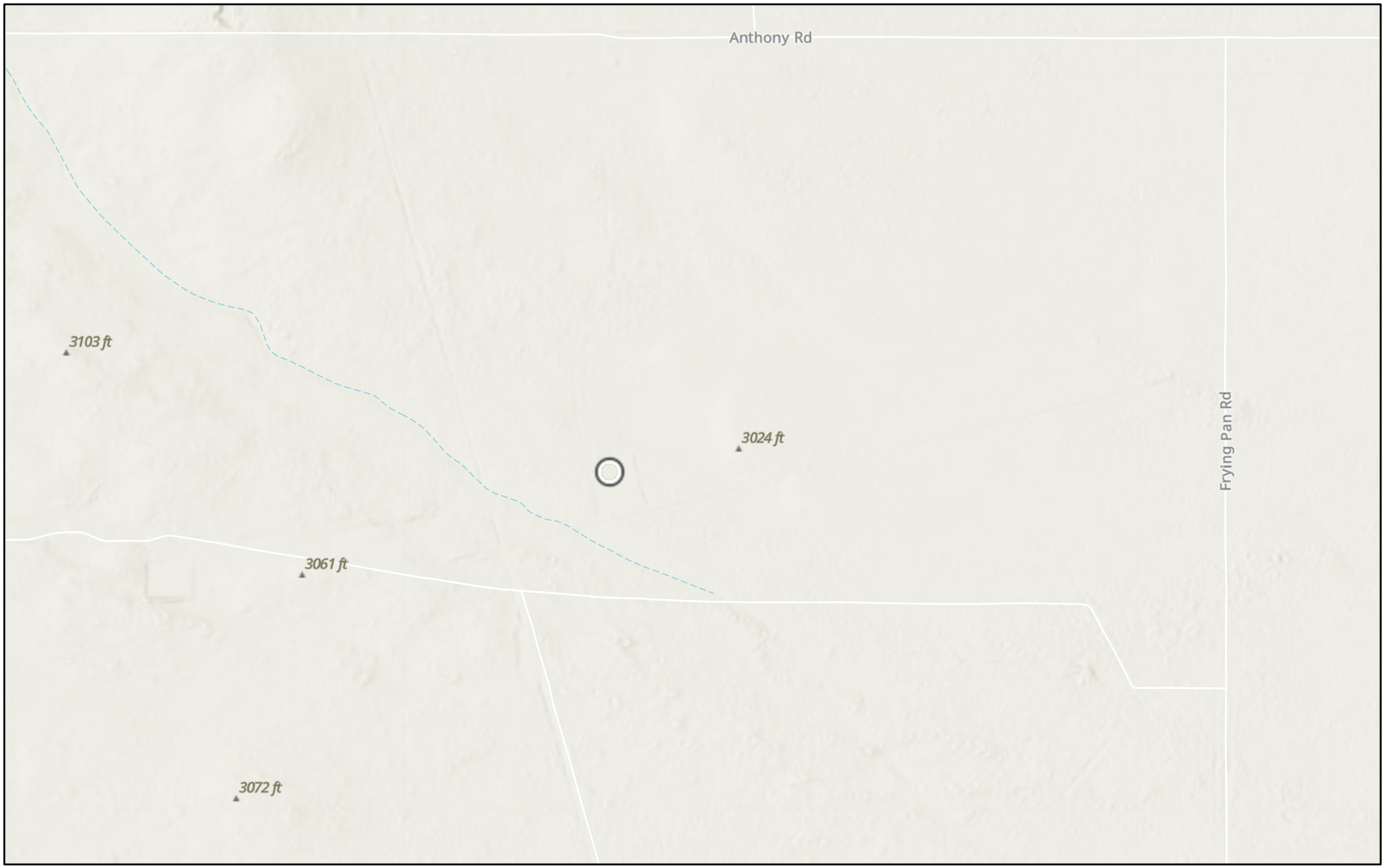
James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

10/28/25 — DATE

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

FILE NO. L-15939	POD NO. 1	TRN NO. 789636	
LOCATION 26S. 35G. 11 444		WELL TAG ID NO. NA	PAGE 2 OF 2

Tatanka Federal 1H Battery (04.16.2021)



4/24/2026

World_Hillshade

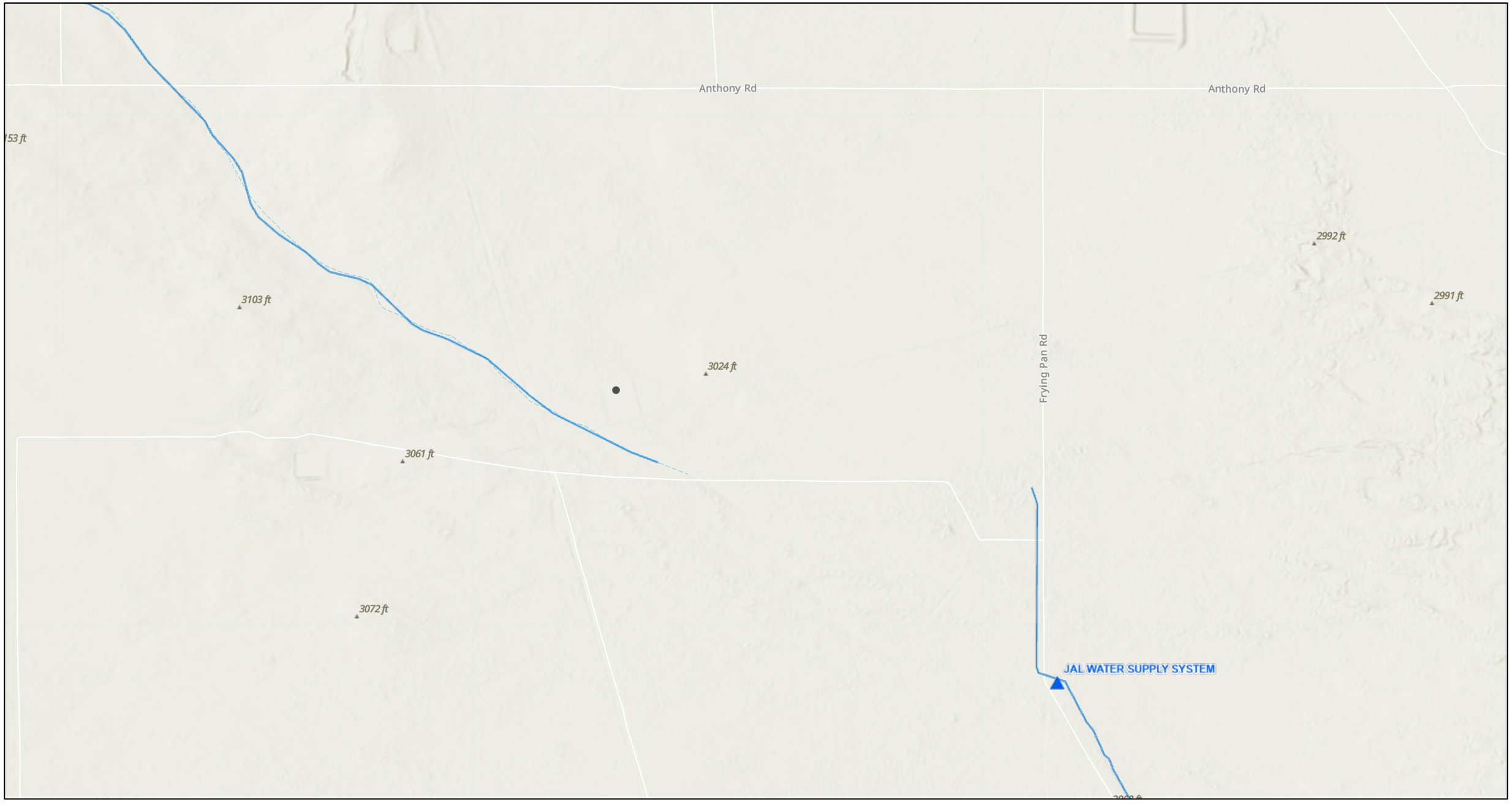
1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

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

Tatanka Federal 1H Battery (04.16.2021)



4/24/2026, 11:44:29 AM

1:18,056

OSE Streams

NMED Drinking Water Systems

0 0.17 0.35 0.7 mi

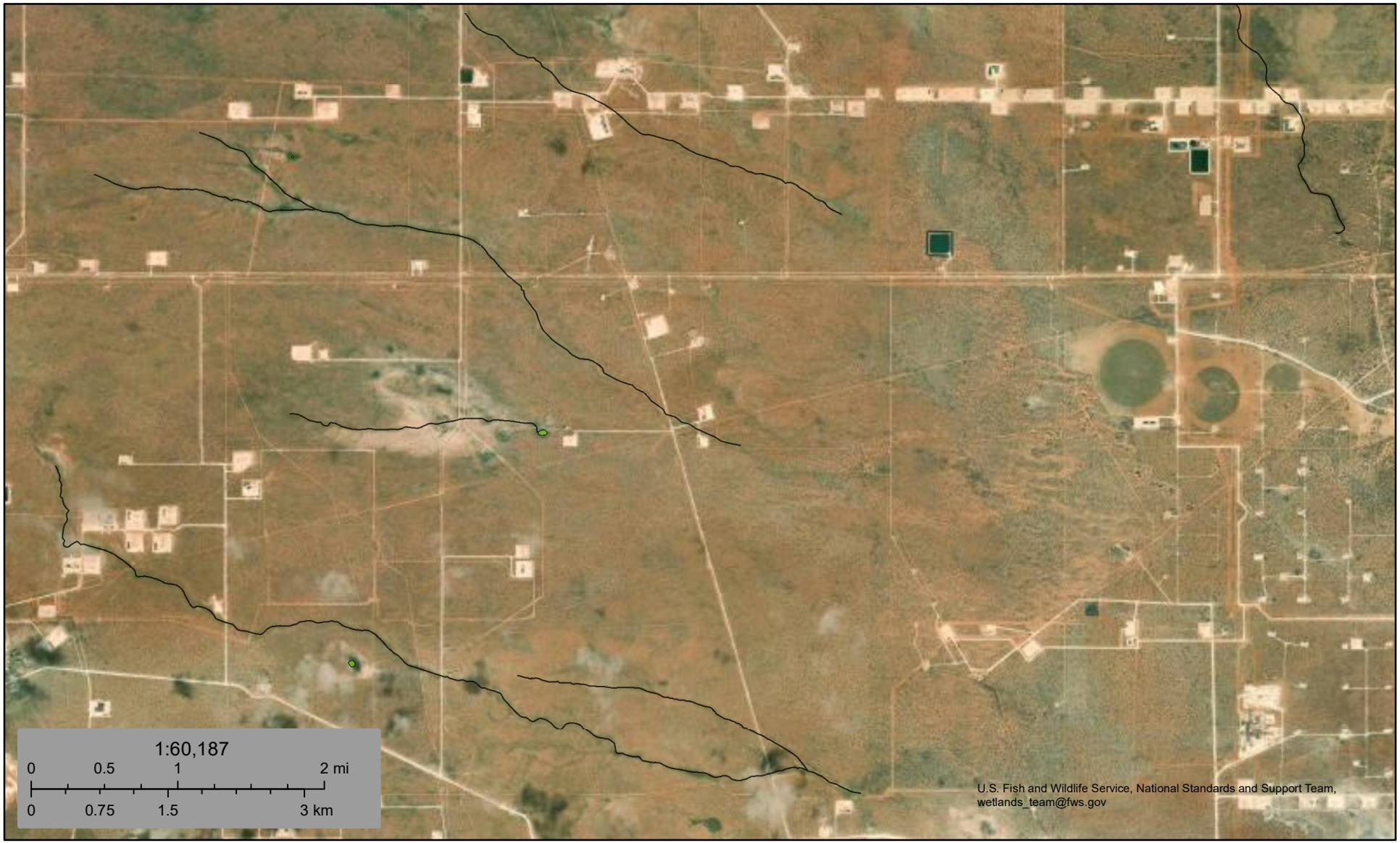
0 0.3 0.6 1.2 km

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

New Mexico Oil Conservation Division

U.S. Fish and Wildlife Service
National Wetlands Inventory

Tatanka Federal 1H Battery (04.16.2021)



April 24, 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 5/5/2026 10:18:19 AM

JOB DESCRIPTION

Tatanka Federal 1H Battery (04.16.2021
Lea County New Mexico

JOB NUMBER

890-9872-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

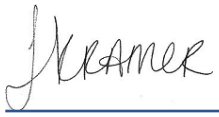
Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
5/5/2026 10:18:19 AM

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

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Laboratory Job ID: 890-9872-1
SDG: Lea County New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
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: 890-9872-1
Project: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1 Eurofins Carlsbad

Job Narrative
890-9872-1

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 4/30/2026 3:26 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 -4.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-9872-1), H-2 (0-0.5) (890-9872-2), H-3 (0-0.5) (890-9872-3), H-4 (0-0.5) (890-9872-4), H-5 (0-0.5) (890-9872-5), H-6 (0-0.5) (890-9872-6) and H-7 (0-0.5) (890-9872-7).

GC VOA
Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-139740 and analytical batch 880-139722 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) (890-9872-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-139740 and analytical batch 880-139722 was outside the upper control limits.

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

Diesel Range Organics
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 Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9872-1
Matrix: Solid
Date Collected: 04/30/26 10:10
Date Received: 04/30/26 15:26

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		05/04/26 10:14	05/04/26 12:04	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/04/26 10:14	05/04/26 12:04	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		05/04/26 10:14	05/04/26 12:04	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		05/04/26 10:14	05/04/26 12:04	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		05/04/26 10:14	05/04/26 12:04	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		05/04/26 10:14	05/04/26 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*05/04/26 10:14*	*05/04/26 12:04*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*05/04/26 10:14*	*05/04/26 12:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/04/26 12:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/04/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 12:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 12:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*05/01/26 09:08*	*05/04/26 12:51*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*05/01/26 09:08*	*05/04/26 12:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			05/01/26 22:13	1

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

Lab Sample ID: 890-9872-2
Matrix: Solid
Date Collected: 04/30/26 10:12
Date Received: 04/30/26 15:26

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		05/04/26 10:14	05/04/26 12:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:14	05/04/26 12:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:14	05/04/26 12:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 10:14	05/04/26 12:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:14	05/04/26 12:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 10:14	05/04/26 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*05/04/26 10:14*	*05/04/26 12:25*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*05/04/26 10:14*	*05/04/26 12:25*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Date Collected: 04/30/26 10:12
Date Received: 04/30/26 15:26

Lab Sample ID: 890-9872-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/04/26 12:25	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			05/04/26 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 13:06	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 13:06	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:06*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.0**		10.0		mg/Kg			05/01/26 22:28	1

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

Date Collected: 04/30/26 10:14
Date Received: 04/30/26 15:26

Lab Sample ID: 890-9872-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:14	05/04/26 12:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:14	05/04/26 12:45	1
Ethylbenzene	**0.00223**		0.00202		mg/Kg		05/04/26 10:14	05/04/26 12:45	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 10:14	05/04/26 12:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:14	05/04/26 12:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 10:14	05/04/26 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*05/04/26 10:14*	*05/04/26 12:45*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*05/04/26 10:14*	*05/04/26 12:45*	*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			05/04/26 12:45	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			05/04/26 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/01/26 09:08	05/04/26 13:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/01/26 09:08	05/04/26 13:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Date Collected: 04/30/26 10:14
Date Received: 04/30/26 15:26

Lab Sample ID: 890-9872-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/01/26 09:08	05/04/26 13:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:21*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			05/01/26 22:33	1

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

Date Collected: 04/30/26 10:16
Date Received: 04/30/26 15:26

Lab Sample ID: 890-9872-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:14	05/04/26 13:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:14	05/04/26 13:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:14	05/04/26 13:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 10:14	05/04/26 13:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:14	05/04/26 13:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 10:14	05/04/26 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*05/04/26 10:14*	*05/04/26 13:06*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/04/26 10:14*	*05/04/26 13:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/04/26 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/04/26 13:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 13:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 13:36	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:36*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:36*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.5**		9.92		mg/Kg			05/01/26 22:38	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9872-5
Matrix: Solid
Date Collected: 04/30/26 10:18
Date Received: 04/30/26 15:26

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		05/04/26 10:14	05/04/26 13:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 13:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 13:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 10:14	05/04/26 13:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 13:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 10:14	05/04/26 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*05/04/26 10:14*	*05/04/26 13:26*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*05/04/26 10:14*	*05/04/26 13:26*	*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			05/04/26 13:26	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			05/04/26 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 13:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 13:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:51*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*05/01/26 09:08*	*05/04/26 13:51*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			05/01/26 22:43	1

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

Lab Sample ID: 890-9872-6
Matrix: Solid
Date Collected: 04/30/26 10:20
Date Received: 04/30/26 15:26

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		05/04/26 10:14	05/04/26 13:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:14	05/04/26 13:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:14	05/04/26 13:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 10:14	05/04/26 13:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:14	05/04/26 13:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 10:14	05/04/26 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*05/04/26 10:14*	*05/04/26 13:47*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/04/26 10:14*	*05/04/26 13:47*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9872-6
Matrix: Solid
Date Collected: 04/30/26 10:20
Date Received: 04/30/26 15:26

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			05/04/26 13:47	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			05/04/26 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 14:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 14:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 14:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*05/01/26 09:08*	*05/04/26 14:06*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*05/01/26 09:08*	*05/04/26 14:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			05/01/26 22:58	1

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

Lab Sample ID: 890-9872-7
Matrix: Solid
Date Collected: 04/30/26 10:22
Date Received: 04/30/26 15:26

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		05/04/26 10:14	05/04/26 14:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:14	05/04/26 14:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:14	05/04/26 14:08	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 10:14	05/04/26 14:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:14	05/04/26 14:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 10:14	05/04/26 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/04/26 10:14*	*05/04/26 14:08*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*05/04/26 10:14*	*05/04/26 14:08*	*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			05/04/26 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/04/26 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 14:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 14:21	1

Client Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Date Collected: 04/30/26 10:22
Date Received: 04/30/26 15:26

Lab Sample ID: 890-9872-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 14:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*05/01/26 09:08*	*05/04/26 14:21*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*05/01/26 09:08*	*05/04/26 14:21*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.8**		9.94		mg/Kg			05/01/26 23:03	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
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)
890-9872-1	H-1 (0-0.5)	92	65 S1-
890-9872-1 MS	H-1 (0-0.5)	94	72
890-9872-1 MSD	H-1 (0-0.5)	84	79
890-9872-2	H-2 (0-0.5)	93	78
890-9872-3	H-3 (0-0.5)	118	94
890-9872-4	H-4 (0-0.5)	122	100
890-9872-5	H-5 (0-0.5)	98	77
890-9872-6	H-6 (0-0.5)	117	89
890-9872-7	H-7 (0-0.5)	115	86
LCS 880-139740/1-A	Lab Control Sample	89	103
LCSD 880-139740/2-A	Lab Control Sample Dup	125	119
MB 880-139740/5-A	Method Blank	83	67 S1-

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-71684-A-6-B MS	Matrix Spike	90	104
880-71684-A-6-C MSD	Matrix Spike Duplicate	90	106
890-9872-1	H-1 (0-0.5)	92	91
890-9872-2	H-2 (0-0.5)	94	94
890-9872-3	H-3 (0-0.5)	104	102
890-9872-4	H-4 (0-0.5)	99	96
890-9872-5	H-5 (0-0.5)	97	96
890-9872-6	H-6 (0-0.5)	98	96
890-9872-7	H-7 (0-0.5)	100	95
LCS 880-139586/2-A	Lab Control Sample	80	103
LCSD 880-139586/3-A	Lab Control Sample Dup	80	96
MB 880-139586/1-A	Method Blank	79	83

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139740/5-A
Matrix: Solid
Analysis Batch: 139722

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139740

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 10:14	05/04/26 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:14	05/04/26 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 10:14	05/04/26 11:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*05/04/26 10:14*	*05/04/26 11:42*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*05/04/26 10:14*	*05/04/26 11:42*	*1*

Lab Sample ID: LCS 880-139740/1-A
Matrix: Solid
Analysis Batch: 139722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139740

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1170		mg/Kg		117	70 - 130		
Toluene			0.100	0.08463		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.08107		mg/Kg		81	70 - 130		
m-Xylene & p-Xylene			0.200	0.1547		mg/Kg		77	70 - 130		
o-Xylene			0.100	0.07901		mg/Kg		79	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-139740/2-A
Matrix: Solid
Analysis Batch: 139722

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139740

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1242		mg/Kg		124	70 - 130	6	35
Toluene			0.100	0.09450		mg/Kg		94	70 - 130	11	35
Ethylbenzene			0.100	0.08396		mg/Kg		84	70 - 130	4	35
m-Xylene & p-Xylene			0.200	0.1658		mg/Kg		83	70 - 130	7	35
o-Xylene			0.100	0.08812		mg/Kg		88	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*

Lab Sample ID: 890-9872-1 MS
Matrix: Solid
Analysis Batch: 139722

Client Sample ID: H-1 (0-0.5)
Prep Type: Total/NA
Prep Batch: 139740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.100	0.09202		mg/Kg		92	70 - 130		
Toluene	<0.00200	U F1	0.100	0.07596		mg/Kg		76	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9872-1 MS
Matrix: Solid
Analysis Batch: 139722

Client Sample ID: H-1 (0-0.5)
Prep Type: Total/NA
Prep Batch: 139740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.07580		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1449		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07634		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*

Lab Sample ID: 890-9872-1 MSD
Matrix: Solid
Analysis Batch: 139722

Client Sample ID: H-1 (0-0.5)
Prep Type: Total/NA
Prep Batch: 139740

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	0.07948		mg/Kg		79	70 - 130	15	35
Toluene	<0.00200	U F1	0.100	0.06886	F1	mg/Kg		69	70 - 130	10	35
Ethylbenzene	<0.00200	U F1	0.100	0.06919	F1	mg/Kg		69	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1238	F1	mg/Kg		62	70 - 130	16	35
o-Xylene	<0.00200	U F1	0.100	0.06489	F1	mg/Kg		65	70 - 130	16	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

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

Lab Sample ID: MB 880-139586/1-A
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139586

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		05/01/26 09:08	05/04/26 09:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 09:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 09:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*05/01/26 09:08*	*05/04/26 09:17*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*05/01/26 09:08*	*05/04/26 09:17*	*1*

Lab Sample ID: LCS 880-139586/2-A
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	744.5		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1048		mg/Kg		105	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139586/2-A
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139586

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-139586/3-A
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139586

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	757.9		mg/Kg		76	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1079		mg/Kg		108	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 880-71684-A-6-B MS
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139586

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	999	699.1		mg/Kg		70	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	999	946.5		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-71684-A-6-C MSD
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139586

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	712.4		mg/Kg		71	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	975.6		mg/Kg		97	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	106		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-139622/1-A
Matrix: Solid
Analysis Batch: 139666

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			05/01/26 21:59	1

Lab Sample ID: LCS 880-139622/2-A
Matrix: Solid
Analysis Batch: 139666

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.3		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-139622/3-A
Matrix: Solid
Analysis Batch: 139666

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	246.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-9872-1 MS
Matrix: Solid
Analysis Batch: 139666

Client Sample ID: H-1 (0-0.5)
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	<10.1	U	252	270.8		mg/Kg		105	90 - 110		

Lab Sample ID: 890-9872-1 MSD
Matrix: Solid
Analysis Batch: 139666

Client Sample ID: H-1 (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	<10.1	U	252	271.8		mg/Kg		106	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 139722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-2	H-2 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-3	H-3 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-4	H-4 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-5	H-5 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-6	H-6 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-7	H-7 (0-0.5)	Total/NA	Solid	8021B	139740
MB 880-139740/5-A	Method Blank	Total/NA	Solid	8021B	139740
LCS 880-139740/1-A	Lab Control Sample	Total/NA	Solid	8021B	139740
LCSD 880-139740/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139740
890-9872-1 MS	H-1 (0-0.5)	Total/NA	Solid	8021B	139740
890-9872-1 MSD	H-1 (0-0.5)	Total/NA	Solid	8021B	139740

Prep Batch: 139740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9872-2	H-2 (0-0.5)	Total/NA	Solid	5035	
890-9872-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-9872-4	H-4 (0-0.5)	Total/NA	Solid	5035	
890-9872-5	H-5 (0-0.5)	Total/NA	Solid	5035	
890-9872-6	H-6 (0-0.5)	Total/NA	Solid	5035	
890-9872-7	H-7 (0-0.5)	Total/NA	Solid	5035	
MB 880-139740/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139740/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139740/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9872-1 MS	H-1 (0-0.5)	Total/NA	Solid	5035	
890-9872-1 MSD	H-1 (0-0.5)	Total/NA	Solid	5035	

Analysis Batch: 139876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9872-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9872-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9872-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9872-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9872-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
890-9872-7	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 139586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9872-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9872-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9872-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9872-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9872-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-9872-7	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-139586/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139586/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 139586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-139586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71684-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71684-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	139586
890-9872-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	139586
890-9872-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	139586
890-9872-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	139586
890-9872-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	139586
890-9872-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	139586
890-9872-7	H-7 (0-0.5)	Total/NA	Solid	8015B NM	139586
MB 880-139586/1-A	Method Blank	Total/NA	Solid	8015B NM	139586
LCS 880-139586/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139586
LCSD 880-139586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139586
880-71684-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	139586
880-71684-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139586

Analysis Batch: 139922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-9872-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-9872-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-9872-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
890-9872-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
890-9872-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
890-9872-7	H-7 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 139622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-7	H-7 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-139622/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139622/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139622/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9872-1 MS	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-9872-1 MSD	H-1 (0-0.5)	Soluble	Solid	DI Leach	

Analysis Batch: 139666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-1	H-1 (0-0.5)	Soluble	Solid	300.0	139622
890-9872-2	H-2 (0-0.5)	Soluble	Solid	300.0	139622
890-9872-3	H-3 (0-0.5)	Soluble	Solid	300.0	139622

QC Association Summary

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 139666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9872-4	H-4 (0-0.5)	Soluble	Solid	300.0	139622
890-9872-5	H-5 (0-0.5)	Soluble	Solid	300.0	139622
890-9872-6	H-6 (0-0.5)	Soluble	Solid	300.0	139622
890-9872-7	H-7 (0-0.5)	Soluble	Solid	300.0	139622
MB 880-139622/1-A	Method Blank	Soluble	Solid	300.0	139622
LCS 880-139622/2-A	Lab Control Sample	Soluble	Solid	300.0	139622
LCSD 880-139622/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139622
890-9872-1 MS	H-1 (0-0.5)	Soluble	Solid	300.0	139622
890-9872-1 MSD	H-1 (0-0.5)	Soluble	Solid	300.0	139622

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9872-1
Project/Site: Tatanka Federal 1H Battery (04.16.2021
SDG: Lea County New Mexico

Client Sample ID: H-1 (0-0.5)
Lab Sample ID: 890-9872-1
Date Collected: 04/30/26 10:10
Matrix: Solid
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 12:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			139922	05/04/26 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 12:51	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 22:13	SMC	EET MID

Client Sample ID: H-2 (0-0.5)
Lab Sample ID: 890-9872-2
Date Collected: 04/30/26 10:12
Matrix: Solid
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 12:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 12:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			139922	05/04/26 13:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 13:06	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 22:28	SMC	EET MID

Client Sample ID: H-3 (0-0.5)
Lab Sample ID: 890-9872-3
Date Collected: 04/30/26 10:14
Matrix: Solid
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 12:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			139922	05/04/26 13:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 13:21	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 22:33	SMC	EET MID

Client Sample ID: H-4 (0-0.5)
Lab Sample ID: 890-9872-4
Date Collected: 04/30/26 10:16
Matrix: Solid
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 13:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 13:06	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Project/Site: Tatanka Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9872-4
Matrix: Solid
Date Collected: 04/30/26 10:16
Date Received: 04/30/26 15:26

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			139922	05/04/26 13:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 13:36	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 22:38	SMC	EET MID

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

Lab Sample ID: 890-9872-5
Matrix: Solid
Date Collected: 04/30/26 10:18
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 13:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			139922	05/04/26 13:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 13:51	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 22:43	SMC	EET MID

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

Lab Sample ID: 890-9872-6
Matrix: Solid
Date Collected: 04/30/26 10:20
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 13:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			139922	05/04/26 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 14:06	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 22:58	SMC	EET MID

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

Lab Sample ID: 890-9872-7
Matrix: Solid
Date Collected: 04/30/26 10:22
Date Received: 04/30/26 15:26

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	139740	05/04/26 10:14	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139722	05/04/26 14:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139876	05/04/26 14:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			139922	05/04/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 14:21	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9872-1
Project/Site: Tatanka Federal 1H Battery (04.16.2021
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5)
Lab Sample ID: 890-9872-7

Date Collected: 04/30/26 10:22
Matrix: Solid

Date Received: 04/30/26 15:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	139666	05/01/26 23:03	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: 890-9872-1
Project/Site: Tatanka Federal 1H Battery (04.16.2021
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 Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
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 Federal 1H Battery (04.16.2021

Job ID: 890-9872-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9872-1	H-1 (0-0.5)	Solid	04/30/26 10:10	04/30/26 15:26	Texas
890-9872-2	H-2 (0-0.5)	Solid	04/30/26 10:12	04/30/26 15:26	Texas
890-9872-3	H-3 (0-0.5)	Solid	04/30/26 10:14	04/30/26 15:26	Texas
890-9872-4	H-4 (0-0.5)	Solid	04/30/26 10:16	04/30/26 15:26	Texas
890-9872-5	H-5 (0-0.5)	Solid	04/30/26 10:18	04/30/26 15:26	Texas
890-9872-6	H-6 (0-0.5)	Solid	04/30/26 10:20	04/30/26 15:26	Texas
890-9872-7	H-7 (0-0.5)	Solid	04/30/26 10:22	04/30/26 15:26	Texas

Chain of Custody

890-9872 Chain of Custody

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 Federal 1H Battery (04.16.2021)	Turn Around	
Project Number:	3262	☐ Routine ☑ Rush	
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Tnmec?
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.4
Total Containers:		Corrected Temperature:	-4.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_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
H-1 (0-0.5')	4/30/2026	10:10	X		G	1	X	X	X		
H-2 (0-0.5')	4/30/2026	10:12	X		G	1	X	X	X		
H-3 (0-0.5')	4/30/2026	10:14	X		G	1	X	X	X		
H-4 (0-0.5')	4/30/2026	10:16	X		G	1	X	X	X		
H-5 (0-0.5')	4/30/2026	10:18	X		G	1	X	X	X		
H-6 (0-0.5')	4/30/2026	10:20	X		G	1	X	X	X		
H-7 (0-0.5')	4/30/2026	10:22	X		G	1	X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Cole Hill	4.30.26		4/30 1526

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6899.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9872-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 5/5/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Tatanka Federal 1H Battery (04.16.2021	Project #: 88001161			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
H-1 (0-0.5) (890-9872-1)	4/30/26	10:10 Central	G	Solid			X	X	X	X	X	1	
H-2 (0-0.5) (890-9872-2)	4/30/26	10:12 Central	G	Solid			X	X	X	X	X	1	
H-3 (0-0.5) (890-9872-3)	4/30/26	10:14 Central	G	Solid			X	X	X	X	X	1	
H-4 (0-0.5) (890-9872-4)	4/30/26	10:16 Central	G	Solid			X	X	X	X	X	1	
H-5 (0-0.5) (890-9872-5)	4/30/26	10:18 Central	G	Solid			X	X	X	X	X	1	
H-6 (0-0.5) (890-9872-6)	4/30/26	10:20 Central	G	Solid			X	X	X	X	X	1	
H-7 (0-0.5) (890-9872-7)	4/30/26	10:22 Central	G	Solid			X	X	X	X	X	1	

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

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

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

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9872-1
SDG Number: Lea County New Mexico

Login Number: 9872
List Number: 1
Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9872-1
SDG Number: Lea County New Mexico

Login Number: 9872
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 05/01/26 08:30 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/5/2026 12:13:41 PM

JOB DESCRIPTION

TATANKA FEDERAL 1H BATTERY (04.06.2021)
Lea County New Mexico

JOB NUMBER

890-9873-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

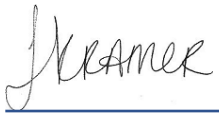
Eurofins Carlsbad

Job Notes

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

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

Authorization



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

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Laboratory Job ID: 890-9873-1
SDG: Lea County New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 890-9873-1
Project: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1 Eurofins Carlsbad

Job Narrative
890-9873-1

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 4/30/2026 3:26 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 -4.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (0.25') (890-9873-1), CS - 2 (0.25') (890-9873-2), CS - 3 (0.25') (890-9873-3), CS - 4 (0.25') (890-9873-4), CS - 5 (0.25') (890-9873-5), CS - 6 (0.25') (890-9873-6), CS - 7 (0.25') (890-9873-7), CS - 8 (0.25') (890-9873-8), CS - 9 (0.25') (890-9873-9), CS - 10 (0.25') (890-9873-10), CS - 11 (0.25') (890-9873-11), CS - 12 (0.25') (890-9873-12), CS - 13 (0.25') (890-9873-13), CS - 14 (0.25') (890-9873-14), CS - 15 (0.25') (890-9873-15) and CS - 16 (0.25') (890-9873-16).

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

Diesel Range Organics
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-71714-A-1-D), (880-71714-A-1-J MS) and (880-71714-A-1-K MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139727 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-139727/32).

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

HPLC/IC
Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139622 and analytical batch 880-139666 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS - 4 (0.25') (890-9873-4), CS - 5 (0.25') (890-9873-5), CS - 6 (0.25') (890-9873-6), CS - 7 (0.25') (890-9873-7), CS - 8 (0.25') (890-9873-8), CS - 9 (0.25') (890-9873-9), CS - 10 (0.25') (890-9873-10), CS - 11 (0.25') (890-9873-11), CS - 12 (0.25') (890-9873-12), CS - 13 (0.25') (890-9873-13), (890-9873-A-4-C MS) and (890-9873-A-4-D MSD).

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139623 and analytical batch 880-139724 were outside control limits for Chloride . See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: CS - 16 (0.25') (890-9873-16), (890-9873-A-16-B MS) and (890-9873-A-16-C MSD).

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
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 1 (0.25')
Lab Sample ID: 890-9873-1
Date Collected: 04/30/26 09:30
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 15:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 10:42	05/04/26 15:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 10:42	05/04/26 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/04/26 10:42*	*05/04/26 15:58*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*05/04/26 10:42*	*05/04/26 15:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/04/26 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/04/26 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 14:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 14:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*05/01/26 09:08*	*05/04/26 14:52*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*05/01/26 09:08*	*05/04/26 14:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2590**		49.8		mg/Kg			05/01/26 23:07	5

Client Sample ID: CS - 2 (0.25')
Lab Sample ID: 890-9873-2
Date Collected: 04/30/26 09:32
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 16:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 16:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 16:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 16:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 16:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*05/04/26 10:42*	*05/04/26 16:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*05/04/26 10:42*	*05/04/26 16:18*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 2 (0.25')
Lab Sample ID: 890-9873-2
Date Collected: 04/30/26 09:32
Matrix: Solid
Date Received: 04/30/26 15:26

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			05/04/26 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/04/26 15:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/01/26 09:08	05/04/26 15:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/01/26 09:08	05/04/26 15:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/01/26 09:08	05/04/26 15:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:07*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3140**		50.0		mg/Kg			05/01/26 23:12	5

Client Sample ID: CS - 3 (0.25')
Lab Sample ID: 890-9873-3
Date Collected: 04/30/26 09:34
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 16:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 16:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 16:39	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 16:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 16:39	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/04/26 10:42*	*05/04/26 16:39*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*05/04/26 10:42*	*05/04/26 16:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/04/26 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/04/26 15:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 15:22	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 15:22	1

Client Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Client Sample ID: CS - 3 (0.25')

Lab Sample ID: 890-9873-3
Matrix: Solid
Date Collected: 04/30/26 09:34
Date Received: 04/30/26 15:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:22*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2880**		50.2		mg/Kg			05/01/26 23:17	5

Client Sample ID: CS - 4 (0.25')

Lab Sample ID: 890-9873-4
Matrix: Solid
Date Collected: 04/30/26 09:36
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 17:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 17:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 17:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 10:42	05/04/26 17:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 17:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 10:42	05/04/26 17:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/04/26 10:42*	*05/04/26 17:00*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/04/26 10:42*	*05/04/26 17:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/04/26 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	<50.2	U	50.2		mg/Kg			05/04/26 15:37	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	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 15:37	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 15:37	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 15:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:37*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3130**	**F1**	50.4		mg/Kg			05/01/26 23:22	5

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 5 (0.25')

Lab Sample ID: 890-9873-5
Date Collected: 04/30/26 09:38
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 17:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 17:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 17:21	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 10:42	05/04/26 17:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 17:21	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 10:42	05/04/26 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*05/04/26 10:42*	*05/04/26 17:21*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*05/04/26 10:42*	*05/04/26 17:21*	*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			05/04/26 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/04/26 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 15:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 15:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:52*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*05/01/26 09:08*	*05/04/26 15:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3300**		50.1		mg/Kg			05/01/26 23:37	5

Client Sample ID: CS - 6 (0.25')

Lab Sample ID: 890-9873-6
Date Collected: 04/30/26 09:40
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 17:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 17:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 17:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 17:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 17:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/04/26 10:42*	*05/04/26 17:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/04/26 10:42*	*05/04/26 17:41*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 6 (0.25')
Lab Sample ID: 890-9873-6
Date Collected: 04/30/26 09:40
Matrix: Solid
Date Received: 04/30/26 15:26

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			05/04/26 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/04/26 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 16:07	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 16:07	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/01/26 09:08	05/04/26 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:07*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2910**		49.6		mg/Kg			05/01/26 23:42	5

Client Sample ID: CS - 7 (0.25')
Lab Sample ID: 890-9873-7
Date Collected: 04/30/26 09:42
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 18:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 18:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 18:02	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 18:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 18:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/04/26 10:42*	*05/04/26 18:02*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/04/26 10:42*	*05/04/26 18:02*	*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			05/04/26 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			05/04/26 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		05/01/26 09:08	05/04/26 16:22	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		05/01/26 09:08	05/04/26 16:22	1

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 7 (0.25')
Lab Sample ID: 890-9873-7
Date Collected: 04/30/26 09:42
Matrix: Solid
Date Received: 04/30/26 15:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		05/01/26 09:08	05/04/26 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:22*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:22*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3130**		49.8		mg/Kg			05/01/26 23:57	5

Client Sample ID: CS - 8 (0.25')
Lab Sample ID: 890-9873-8
Date Collected: 04/30/26 09:44
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 18:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 18:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 18:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 10:42	05/04/26 18:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 18:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 10:42	05/04/26 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*05/04/26 10:42*	*05/04/26 18:23*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/04/26 10:42*	*05/04/26 18:23*	*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			05/04/26 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/04/26 16:37	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		05/01/26 09:08	05/04/26 16:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 16:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 16:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:37*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:37*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2760**		49.9		mg/Kg			05/02/26 00:02	5

Client Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Client Sample ID: CS - 9 (0.25')

Lab Sample ID: 890-9873-9
Matrix: Solid
Date Collected: 04/30/26 09:46
Date Received: 04/30/26 15:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		05/04/26 10:42	05/04/26 18:44	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/04/26 10:42	05/04/26 18:44	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/04/26 10:42	05/04/26 18:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		05/04/26 10:42	05/04/26 18:44	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/04/26 10:42	05/04/26 18:44	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/04/26 10:42	05/04/26 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*05/04/26 10:42*	*05/04/26 18:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*05/04/26 10:42*	*05/04/26 18:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/04/26 18:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/04/26 16:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 16:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 16:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:53*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*05/01/26 09:08*	*05/04/26 16:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3110**		50.2		mg/Kg			05/02/26 00:07	5

Client Sample ID: CS - 10 (0.25')

Lab Sample ID: 890-9873-10
Matrix: Solid
Date Collected: 04/30/26 09:48
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 20:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 20:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 20:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 10:42	05/04/26 20:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 20:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 10:42	05/04/26 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/04/26 10:42*	*05/04/26 20:07*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*05/04/26 10:42*	*05/04/26 20:07*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 10 (0.25')

Lab Sample ID: 890-9873-10
Date Collected: 04/30/26 09:48
Matrix: Solid
Date Received: 04/30/26 15:26

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			05/04/26 20:07	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			05/04/26 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 17:08	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 17:08	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/01/26 09:08	05/04/26 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*05/01/26 09:08*	*05/04/26 17:08*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*05/01/26 09:08*	*05/04/26 17:08*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3190**		50.5		mg/Kg			05/02/26 00:12	5

Client Sample ID: CS - 11 (0.25')

Lab Sample ID: 890-9873-11
Date Collected: 04/30/26 09:50
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 20:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 20:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 20:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		05/04/26 10:42	05/04/26 20:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 20:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/04/26 10:42	05/04/26 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*05/04/26 10:42*	*05/04/26 20:28*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*05/04/26 10:42*	*05/04/26 20:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/04/26 20:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/04/26 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 14:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 14:47	1

Client Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Client Sample ID: CS - 11 (0.25')

Lab Sample ID: 890-9873-11
Matrix: Solid
Date Collected: 04/30/26 09:50
Date Received: 04/30/26 15:26

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*05/01/26 13:33*	*05/04/26 14:47*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*05/01/26 13:33*	*05/04/26 14:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2630**		50.4		mg/Kg			05/02/26 00:17	5

Client Sample ID: CS - 12 (0.25')

Lab Sample ID: 890-9873-12
Matrix: Solid
Date Collected: 04/30/26 09:52
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 20:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 20:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 20:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 20:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 20:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/04/26 10:42*	*05/04/26 20:49*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/04/26 10:42*	*05/04/26 20:49*	*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			05/04/26 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/04/26 15:01	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	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 15:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 15:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*05/01/26 13:33*	*05/04/26 15:01*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*05/01/26 13:33*	*05/04/26 15:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2460**		49.7		mg/Kg			05/02/26 00:21	5

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 13 (0.25')

Lab Sample ID: 890-9873-13
Date Collected: 04/30/26 09:54
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 21:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 21:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 21:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 21:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 21:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*05/04/26 10:42*	*05/04/26 21:09*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/04/26 10:42*	*05/04/26 21:09*	*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			05/04/26 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/04/26 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 16:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 16:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*05/01/26 13:33*	*05/04/26 16:33*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*05/01/26 13:33*	*05/04/26 16:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2720**		49.8		mg/Kg			05/02/26 00:26	5

Client Sample ID: CS - 14 (0.25')

Lab Sample ID: 890-9873-14
Date Collected: 04/30/26 09:56
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 21:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 21:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 21:30	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 21:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/04/26 10:42	05/04/26 21:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/04/26 10:42	05/04/26 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*05/04/26 10:42*	*05/04/26 21:30*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/04/26 10:42*	*05/04/26 21:30*	*1*

Client Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 14 (0.25')
Lab Sample ID: 890-9873-14
Date Collected: 04/30/26 09:56
Matrix: Solid
Date Received: 04/30/26 15:26

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			05/04/26 21:30	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			05/04/26 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 16:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 16:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*05/01/26 13:33*	*05/04/26 16:47*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*05/01/26 13:33*	*05/04/26 16:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2150**		50.3		mg/Kg			05/04/26 09:40	5

Client Sample ID: CS - 15 (0.25')
Lab Sample ID: 890-9873-15
Date Collected: 04/30/26 09:58
Matrix: Solid
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 21:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 21:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 21:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 21:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/04/26 10:42	05/04/26 21:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/04/26 10:42	05/04/26 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*05/04/26 10:42*	*05/04/26 21:51*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*05/04/26 10:42*	*05/04/26 21:51*	*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			05/04/26 21:51	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			05/04/26 17:01	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	<49.8	U	49.8		mg/Kg		05/01/26 13:33	05/04/26 17:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/01/26 13:33	05/04/26 17:01	1

Client Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Client Sample ID: CS - 15 (0.25')

Lab Sample ID: 890-9873-15
Matrix: Solid
Date Collected: 04/30/26 09:58
Date Received: 04/30/26 15:26

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		05/01/26 13:33	05/04/26 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*05/01/26 13:33*	*05/04/26 17:01*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*05/01/26 13:33*	*05/04/26 17:01*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1890**		50.3		mg/Kg			05/04/26 09:45	5

Client Sample ID: CS - 16 (0.25')

Lab Sample ID: 890-9873-16
Matrix: Solid
Date Collected: 04/30/26 10:00
Date Received: 04/30/26 15:26

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		05/04/26 10:42	05/04/26 22:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 22:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 22:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		05/04/26 10:42	05/04/26 22:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/04/26 10:42	05/04/26 22:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/04/26 10:42	05/04/26 22:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*05/04/26 10:42*	*05/04/26 22:12*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*05/04/26 10:42*	*05/04/26 22:12*	*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			05/04/26 22:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/04/26 17:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/01/26 13:33	05/04/26 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*05/01/26 13:33*	*05/04/26 17:16*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*05/01/26 13:33*	*05/04/26 17:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1970**	**F1**	50.1		mg/Kg			05/04/26 09:50	5

Surrogate Summary

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
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)
890-9873-1	CS - 1 (0.25')	109	95
890-9873-1 MS	CS - 1 (0.25')	105	98
890-9873-1 MSD	CS - 1 (0.25')	105	97
890-9873-2	CS - 2 (0.25')	107	96
890-9873-3	CS - 3 (0.25')	108	89
890-9873-4	CS - 4 (0.25')	110	97
890-9873-5	CS - 5 (0.25')	105	93
890-9873-6	CS - 6 (0.25')	108	98
890-9873-7	CS - 7 (0.25')	112	99
890-9873-8	CS - 8 (0.25')	115	104
890-9873-9	CS - 9 (0.25')	108	100
890-9873-10	CS - 10 (0.25')	110	104
890-9873-11	CS - 11 (0.25')	112	98
890-9873-12	CS - 12 (0.25')	109	97
890-9873-13	CS - 13 (0.25')	109	97
890-9873-14	CS - 14 (0.25')	104	92
890-9873-15	CS - 15 (0.25')	110	97
890-9873-16	CS - 16 (0.25')	111	99
LCS 880-139743/1-A	Lab Control Sample	99	93
LCSD 880-139743/2-A	Lab Control Sample Dup	107	103
MB 880-139743/5-A	Method Blank	95	92

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-71684-A-6-B MS	Matrix Spike	90	104
880-71684-A-6-C MSD	Matrix Spike Duplicate	90	106
880-71714-A-1-J MS	Matrix Spike	98	55 S1-
880-71714-A-1-K MSD	Matrix Spike Duplicate	98	54 S1-
890-9873-1	CS - 1 (0.25')	98	98
890-9873-2	CS - 2 (0.25')	102	104
890-9873-3	CS - 3 (0.25')	101	102
890-9873-4	CS - 4 (0.25')	106	102
890-9873-5	CS - 5 (0.25')	106	106
890-9873-6	CS - 6 (0.25')	104	107
890-9873-7	CS - 7 (0.25')	108	110
890-9873-8	CS - 8 (0.25')	101	99
890-9873-9	CS - 9 (0.25')	105	105
890-9873-10	CS - 10 (0.25')	104	99
890-9873-11	CS - 11 (0.25')	96	85
890-9873-12	CS - 12 (0.25')	93	83
890-9873-13	CS - 13 (0.25')	96	88
890-9873-14	CS - 14 (0.25')	91	84

Surrogate Summary

Client: Carmona Resources Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021) SDG: Lea County New Mexico

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

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

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-9873-15	CS - 15 (0.25')	99	88										
890-9873-16	CS - 16 (0.25')	100	93										
LCS 880-139586/2-A	Lab Control Sample	80	103										
LCS 880-139659/2-A	Lab Control Sample	102	85										
LCSD 880-139586/3-A	Lab Control Sample Dup	80	96										
LCSD 880-139659/3-A	Lab Control Sample Dup	115	98										
MB 880-139586/1-A	Method Blank	79	83										
MB 880-139659/1-A	Method Blank	97	91										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139743/5-A
Matrix: Solid
Analysis Batch: 139748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/04/26 10:42	05/04/26 15:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/04/26 10:42	05/04/26 15:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/04/26 10:42	05/04/26 15:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*05/04/26 10:42*	*05/04/26 15:15*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*05/04/26 10:42*	*05/04/26 15:15*	*1*

Lab Sample ID: LCS 880-139743/1-A
Matrix: Solid
Analysis Batch: 139748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1144		mg/Kg		114	70 - 130
Toluene	0.100	0.1131		mg/Kg		113	70 - 130
Ethylbenzene	0.100	0.1108		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	0.200	0.2244		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1131		mg/Kg		113	70 - 130

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

Lab Sample ID: LCSD 880-139743/2-A
Matrix: Solid
Analysis Batch: 139748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139743

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1182		mg/Kg		118	70 - 130	3	35
Toluene	0.100	0.1146		mg/Kg		115	70 - 130	1	35
Ethylbenzene	0.100	0.1135		mg/Kg		113	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2304		mg/Kg		115	70 - 130	3	35
o-Xylene	0.100	0.1137		mg/Kg		114	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-9873-1 MS
Matrix: Solid
Analysis Batch: 139748

Client Sample ID: CS - 1 (0.25')
Prep Type: Total/NA
Prep Batch: 139743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08981		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130

QC Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9873-1 MS — **Client Sample ID: CS - 1 (0.25')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139748 — **Prep Batch: 139743**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.08511		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1729		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08894		mg/Kg		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 890-9873-1 MSD — **Client Sample ID: CS - 1 (0.25')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139748 — **Prep Batch: 139743**

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	0.08766		mg/Kg		88	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08404		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07841		mg/Kg		78	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1594		mg/Kg		80	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.08023		mg/Kg		80	70 - 130	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

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

Lab Sample ID: MB 880-139586/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139733 — **Prep Batch: 139586**

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		05/01/26 09:08	05/04/26 09:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 09:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 09:08	05/04/26 09:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*05/01/26 09:08*	*05/04/26 09:17*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*05/01/26 09:08*	*05/04/26 09:17*	*1*

Lab Sample ID: LCS 880-139586/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 139733 — **Prep Batch: 139586**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	744.5		mg/Kg		74	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1048		mg/Kg		105	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-139586/2-A
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139586

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-139586/3-A
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139586

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	757.9		mg/Kg		76	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1079		mg/Kg		108	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: 880-71684-A-6-B MS
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139586

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	999	699.1		mg/Kg		70	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	999	946.5		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-71684-A-6-C MSD
Matrix: Solid
Analysis Batch: 139733

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139586

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	712.4		mg/Kg		71	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	975.6		mg/Kg		97	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	106		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-139659/1-A
Matrix: Solid
Analysis Batch: 139727

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 139659

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		05/01/26 13:33	05/04/26 09:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 09:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/01/26 13:33	05/04/26 09:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*05/01/26 13:33*	*05/04/26 09:18*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*05/01/26 13:33*	*05/04/26 09:18*	*1*

Lab Sample ID: LCS 880-139659/2-A
Matrix: Solid
Analysis Batch: 139727

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 139659

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	964.8		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1025		mg/Kg		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*85*		*70 - 130*

Lab Sample ID: LCSD 880-139659/3-A
Matrix: Solid
Analysis Batch: 139727

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 139659

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1028		mg/Kg		103	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1140		mg/Kg		114	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-71714-A-1-J MS
Matrix: Solid
Analysis Batch: 139727

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139659

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	903.1		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	943.0		mg/Kg		94	70 - 130

QC Sample Results

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71714-A-1-J MS
Matrix: Solid
Analysis Batch: 139727

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 139659

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	55	S1-	70 - 130

Lab Sample ID: 880-71714-A-1-K MSD
Matrix: Solid
Analysis Batch: 139727

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 139659

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	908.7		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	963.6		mg/Kg		96	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	54	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-139622/1-A
Matrix: Solid
Analysis Batch: 139666

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			05/01/26 21:59	1

Lab Sample ID: LCS 880-139622/2-A
Matrix: Solid
Analysis Batch: 139666

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.3		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-139622/3-A
Matrix: Solid
Analysis Batch: 139666

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	246.0		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-9873-4 MS
Matrix: Solid
Analysis Batch: 139666

Client Sample ID: CS - 4 (0.25')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3130	F1	1260	4568	F1	mg/Kg		114	90 - 110

QC Sample Results

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-9873-4 MSD — **Client Sample ID: CS - 4 (0.25')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 139666

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3130	F1	1260	4567	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: MB 880-139623/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 139724

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/04/26 08:28	1

Lab Sample ID: LCS 880-139623/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 139724

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.6		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-139623/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 139724

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.3		mg/Kg		94	90 - 110	2	20

Lab Sample ID: 890-9873-16 MS — **Client Sample ID: CS - 16 (0.25')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 139724

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1970	F1	1250	3894	F1	mg/Kg		153	90 - 110

Lab Sample ID: 890-9873-16 MSD — **Client Sample ID: CS - 16 (0.25')**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 139724

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1970	F1	1250	3937	F1	mg/Kg		157	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 139743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Total/NA	Solid	5035	
890-9873-2	CS - 2 (0.25')	Total/NA	Solid	5035	
890-9873-3	CS - 3 (0.25')	Total/NA	Solid	5035	
890-9873-4	CS - 4 (0.25')	Total/NA	Solid	5035	
890-9873-5	CS - 5 (0.25')	Total/NA	Solid	5035	
890-9873-6	CS - 6 (0.25')	Total/NA	Solid	5035	
890-9873-7	CS - 7 (0.25')	Total/NA	Solid	5035	
890-9873-8	CS - 8 (0.25')	Total/NA	Solid	5035	
890-9873-9	CS - 9 (0.25')	Total/NA	Solid	5035	
890-9873-10	CS - 10 (0.25')	Total/NA	Solid	5035	
890-9873-11	CS - 11 (0.25')	Total/NA	Solid	5035	
890-9873-12	CS - 12 (0.25')	Total/NA	Solid	5035	
890-9873-13	CS - 13 (0.25')	Total/NA	Solid	5035	
890-9873-14	CS - 14 (0.25')	Total/NA	Solid	5035	
890-9873-15	CS - 15 (0.25')	Total/NA	Solid	5035	
890-9873-16	CS - 16 (0.25')	Total/NA	Solid	5035	
MB 880-139743/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139743/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139743/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9873-1 MS	CS - 1 (0.25')	Total/NA	Solid	5035	
890-9873-1 MSD	CS - 1 (0.25')	Total/NA	Solid	5035	

Analysis Batch: 139748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Total/NA	Solid	8021B	139743
890-9873-2	CS - 2 (0.25')	Total/NA	Solid	8021B	139743
890-9873-3	CS - 3 (0.25')	Total/NA	Solid	8021B	139743
890-9873-4	CS - 4 (0.25')	Total/NA	Solid	8021B	139743
890-9873-5	CS - 5 (0.25')	Total/NA	Solid	8021B	139743
890-9873-6	CS - 6 (0.25')	Total/NA	Solid	8021B	139743
890-9873-7	CS - 7 (0.25')	Total/NA	Solid	8021B	139743
890-9873-8	CS - 8 (0.25')	Total/NA	Solid	8021B	139743
890-9873-9	CS - 9 (0.25')	Total/NA	Solid	8021B	139743
890-9873-10	CS - 10 (0.25')	Total/NA	Solid	8021B	139743
890-9873-11	CS - 11 (0.25')	Total/NA	Solid	8021B	139743
890-9873-12	CS - 12 (0.25')	Total/NA	Solid	8021B	139743
890-9873-13	CS - 13 (0.25')	Total/NA	Solid	8021B	139743
890-9873-14	CS - 14 (0.25')	Total/NA	Solid	8021B	139743
890-9873-15	CS - 15 (0.25')	Total/NA	Solid	8021B	139743
890-9873-16	CS - 16 (0.25')	Total/NA	Solid	8021B	139743
MB 880-139743/5-A	Method Blank	Total/NA	Solid	8021B	139743
LCS 880-139743/1-A	Lab Control Sample	Total/NA	Solid	8021B	139743
LCSD 880-139743/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139743
890-9873-1 MS	CS - 1 (0.25')	Total/NA	Solid	8021B	139743
890-9873-1 MSD	CS - 1 (0.25')	Total/NA	Solid	8021B	139743

Analysis Batch: 139947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-2	CS - 2 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-3	CS - 3 (0.25')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 139947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-4	CS - 4 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-5	CS - 5 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-6	CS - 6 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-7	CS - 7 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-8	CS - 8 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-9	CS - 9 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-10	CS - 10 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-11	CS - 11 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-12	CS - 12 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-13	CS - 13 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-14	CS - 14 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-15	CS - 15 (0.25')	Total/NA	Solid	Total BTEX	
890-9873-16	CS - 16 (0.25')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 139586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-2	CS - 2 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-3	CS - 3 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-4	CS - 4 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-5	CS - 5 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-6	CS - 6 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-7	CS - 7 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-8	CS - 8 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-9	CS - 9 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-10	CS - 10 (0.25')	Total/NA	Solid	8015NM Prep	
MB 880-139586/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139586/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71684-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71684-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 139659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-11	CS - 11 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-12	CS - 12 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-13	CS - 13 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-14	CS - 14 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-15	CS - 15 (0.25')	Total/NA	Solid	8015NM Prep	
890-9873-16	CS - 16 (0.25')	Total/NA	Solid	8015NM Prep	
MB 880-139659/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139659/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71714-A-1-J MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71714-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-11	CS - 11 (0.25')	Total/NA	Solid	8015B NM	139659

QC Association Summary

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 139727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-12	CS - 12 (0.25')	Total/NA	Solid	8015B NM	139659
890-9873-13	CS - 13 (0.25')	Total/NA	Solid	8015B NM	139659
890-9873-14	CS - 14 (0.25')	Total/NA	Solid	8015B NM	139659
890-9873-15	CS - 15 (0.25')	Total/NA	Solid	8015B NM	139659
890-9873-16	CS - 16 (0.25')	Total/NA	Solid	8015B NM	139659
MB 880-139659/1-A	Method Blank	Total/NA	Solid	8015B NM	139659
LCS 880-139659/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139659
LCSD 880-139659/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139659
880-71714-A-1-J MS	Matrix Spike	Total/NA	Solid	8015B NM	139659
880-71714-A-1-K MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139659

Analysis Batch: 139733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-2	CS - 2 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-3	CS - 3 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-4	CS - 4 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-5	CS - 5 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-6	CS - 6 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-7	CS - 7 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-8	CS - 8 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-9	CS - 9 (0.25')	Total/NA	Solid	8015B NM	139586
890-9873-10	CS - 10 (0.25')	Total/NA	Solid	8015B NM	139586
MB 880-139586/1-A	Method Blank	Total/NA	Solid	8015B NM	139586
LCS 880-139586/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139586
LCSD 880-139586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139586
880-71684-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	139586
880-71684-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139586

Analysis Batch: 139893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Total/NA	Solid	8015 NM	
890-9873-2	CS - 2 (0.25')	Total/NA	Solid	8015 NM	
890-9873-3	CS - 3 (0.25')	Total/NA	Solid	8015 NM	
890-9873-4	CS - 4 (0.25')	Total/NA	Solid	8015 NM	
890-9873-5	CS - 5 (0.25')	Total/NA	Solid	8015 NM	
890-9873-6	CS - 6 (0.25')	Total/NA	Solid	8015 NM	
890-9873-7	CS - 7 (0.25')	Total/NA	Solid	8015 NM	
890-9873-8	CS - 8 (0.25')	Total/NA	Solid	8015 NM	
890-9873-9	CS - 9 (0.25')	Total/NA	Solid	8015 NM	
890-9873-10	CS - 10 (0.25')	Total/NA	Solid	8015 NM	
890-9873-11	CS - 11 (0.25')	Total/NA	Solid	8015 NM	
890-9873-12	CS - 12 (0.25')	Total/NA	Solid	8015 NM	
890-9873-13	CS - 13 (0.25')	Total/NA	Solid	8015 NM	
890-9873-14	CS - 14 (0.25')	Total/NA	Solid	8015 NM	
890-9873-15	CS - 15 (0.25')	Total/NA	Solid	8015 NM	
890-9873-16	CS - 16 (0.25')	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 139622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Soluble	Solid	DI Leach	
890-9873-2	CS - 2 (0.25')	Soluble	Solid	DI Leach	
890-9873-3	CS - 3 (0.25')	Soluble	Solid	DI Leach	
890-9873-4	CS - 4 (0.25')	Soluble	Solid	DI Leach	
890-9873-5	CS - 5 (0.25')	Soluble	Solid	DI Leach	
890-9873-6	CS - 6 (0.25')	Soluble	Solid	DI Leach	
890-9873-7	CS - 7 (0.25')	Soluble	Solid	DI Leach	
890-9873-8	CS - 8 (0.25')	Soluble	Solid	DI Leach	
890-9873-9	CS - 9 (0.25')	Soluble	Solid	DI Leach	
890-9873-10	CS - 10 (0.25')	Soluble	Solid	DI Leach	
890-9873-11	CS - 11 (0.25')	Soluble	Solid	DI Leach	
890-9873-12	CS - 12 (0.25')	Soluble	Solid	DI Leach	
890-9873-13	CS - 13 (0.25')	Soluble	Solid	DI Leach	
MB 880-139622/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139622/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139622/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9873-4 MS	CS - 4 (0.25')	Soluble	Solid	DI Leach	
890-9873-4 MSD	CS - 4 (0.25')	Soluble	Solid	DI Leach	

Leach Batch: 139623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-14	CS - 14 (0.25')	Soluble	Solid	DI Leach	
890-9873-15	CS - 15 (0.25')	Soluble	Solid	DI Leach	
890-9873-16	CS - 16 (0.25')	Soluble	Solid	DI Leach	
MB 880-139623/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-139623/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-139623/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9873-16 MS	CS - 16 (0.25')	Soluble	Solid	DI Leach	
890-9873-16 MSD	CS - 16 (0.25')	Soluble	Solid	DI Leach	

Analysis Batch: 139666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-1	CS - 1 (0.25')	Soluble	Solid	300.0	139622
890-9873-2	CS - 2 (0.25')	Soluble	Solid	300.0	139622
890-9873-3	CS - 3 (0.25')	Soluble	Solid	300.0	139622
890-9873-4	CS - 4 (0.25')	Soluble	Solid	300.0	139622
890-9873-5	CS - 5 (0.25')	Soluble	Solid	300.0	139622
890-9873-6	CS - 6 (0.25')	Soluble	Solid	300.0	139622
890-9873-7	CS - 7 (0.25')	Soluble	Solid	300.0	139622
890-9873-8	CS - 8 (0.25')	Soluble	Solid	300.0	139622
890-9873-9	CS - 9 (0.25')	Soluble	Solid	300.0	139622
890-9873-10	CS - 10 (0.25')	Soluble	Solid	300.0	139622
890-9873-11	CS - 11 (0.25')	Soluble	Solid	300.0	139622
890-9873-12	CS - 12 (0.25')	Soluble	Solid	300.0	139622
890-9873-13	CS - 13 (0.25')	Soluble	Solid	300.0	139622
MB 880-139622/1-A	Method Blank	Soluble	Solid	300.0	139622
LCS 880-139622/2-A	Lab Control Sample	Soluble	Solid	300.0	139622
LCSD 880-139622/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139622
890-9873-4 MS	CS - 4 (0.25')	Soluble	Solid	300.0	139622
890-9873-4 MSD	CS - 4 (0.25')	Soluble	Solid	300.0	139622

QC Association Summary

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

HPLC/IC

Analysis Batch: 139724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9873-14	CS - 14 (0.25')	Soluble	Solid	300.0	139623
890-9873-15	CS - 15 (0.25')	Soluble	Solid	300.0	139623
890-9873-16	CS - 16 (0.25')	Soluble	Solid	300.0	139623
MB 880-139623/1-A	Method Blank	Soluble	Solid	300.0	139623
LCS 880-139623/2-A	Lab Control Sample	Soluble	Solid	300.0	139623
LCSD 880-139623/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	139623
890-9873-16 MS	CS - 16 (0.25')	Soluble	Solid	300.0	139623
890-9873-16 MSD	CS - 16 (0.25')	Soluble	Solid	300.0	139623

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 1 (0.25')
Lab Sample ID: 890-9873-1
Date Collected: 04/30/26 09:30
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 15:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 15:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 14:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 14:52	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:07	SMC	EET MID

Client Sample ID: CS - 2 (0.25')
Lab Sample ID: 890-9873-2
Date Collected: 04/30/26 09:32
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 16:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 16:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 15:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 15:07	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:12	SMC	EET MID

Client Sample ID: CS - 3 (0.25')
Lab Sample ID: 890-9873-3
Date Collected: 04/30/26 09:34
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 16:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 15:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 15:22	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:17	SMC	EET MID

Client Sample ID: CS - 4 (0.25')
Lab Sample ID: 890-9873-4
Date Collected: 04/30/26 09:36
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 17:00	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 4 (0.25')
Lab Sample ID: 890-9873-4
Date Collected: 04/30/26 09:36
Matrix: Solid
Date Received: 04/30/26 15:26

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			139893	05/04/26 15:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 15:37	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:22	SMC	EET MID

Client Sample ID: CS - 5 (0.25')
Lab Sample ID: 890-9873-5
Date Collected: 04/30/26 09:38
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 17:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 15:52	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 15:52	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:37	SMC	EET MID

Client Sample ID: CS - 6 (0.25')
Lab Sample ID: 890-9873-6
Date Collected: 04/30/26 09:40
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 17:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 16:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 16:07	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:42	SMC	EET MID

Client Sample ID: CS - 7 (0.25')
Lab Sample ID: 890-9873-7
Date Collected: 04/30/26 09:42
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 18:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 16:22	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 16:22	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 7 (0.25')
Lab Sample ID: 890-9873-7
Date Collected: 04/30/26 09:42
Matrix: Solid
Date Received: 04/30/26 15:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/01/26 23:57	SMC	EET MID

Client Sample ID: CS - 8 (0.25')
Lab Sample ID: 890-9873-8
Date Collected: 04/30/26 09:44
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 18:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 16:37	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 16:37	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/02/26 00:02	SMC	EET MID

Client Sample ID: CS - 9 (0.25')
Lab Sample ID: 890-9873-9
Date Collected: 04/30/26 09:46
Matrix: Solid
Date Received: 04/30/26 15:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 18:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 18:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 16:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 16:53	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/02/26 00:07	SMC	EET MID

Client Sample ID: CS - 10 (0.25')
Lab Sample ID: 890-9873-10
Date Collected: 04/30/26 09:48
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 20:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 20:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 17:08	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139586	05/01/26 09:08	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139733	05/04/26 17:08	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/02/26 00:12	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 11 (0.25')
Lab Sample ID: 890-9873-11
Date Collected: 04/30/26 09:50
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 20:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 20:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 14:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 14:47	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/02/26 00:17	SMC	EET MID

Client Sample ID: CS - 12 (0.25')
Lab Sample ID: 890-9873-12
Date Collected: 04/30/26 09:52
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 20:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 15:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 15:01	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/02/26 00:21	SMC	EET MID

Client Sample ID: CS - 13 (0.25')
Lab Sample ID: 890-9873-13
Date Collected: 04/30/26 09:54
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 21:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 21:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 16:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 16:33	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	139622	05/01/26 11:24	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139666	05/02/26 00:26	SMC	EET MID

Client Sample ID: CS - 14 (0.25')
Lab Sample ID: 890-9873-14
Date Collected: 04/30/26 09:56
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 21:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 21:30	SA	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
SDG: Lea County New Mexico

Client Sample ID: CS - 14 (0.25')
Lab Sample ID: 890-9873-14
Date Collected: 04/30/26 09:56
Matrix: Solid
Date Received: 04/30/26 15:26

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			139893	05/04/26 16:47	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 16:47	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	139623	05/01/26 11:48	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139724	05/04/26 09:40	SMC	EET MID

Client Sample ID: CS - 15 (0.25')
Lab Sample ID: 890-9873-15
Date Collected: 04/30/26 09:58
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 21:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 17:01	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 17:01	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	139623	05/01/26 11:48	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139724	05/04/26 09:45	SMC	EET MID

Client Sample ID: CS - 16 (0.25')
Lab Sample ID: 890-9873-16
Date Collected: 04/30/26 10:00
Matrix: Solid
Date Received: 04/30/26 15:26

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	139743	05/04/26 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139748	05/04/26 22:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139947	05/04/26 22:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			139893	05/04/26 17:16	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	139659	05/01/26 13:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139727	05/04/26 17:16	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	139623	05/01/26 11:48	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	139724	05/04/26 09:50	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: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
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
Job ID: 890-9873-1
Project/Site: TATANKA FEDERAL 1H BATTERY (04.06.2021)
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 FEDERAL 1H BATTERY (04.06.2021)

Job ID: 890-9873-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9873-1	CS - 1 (0.25')	Solid	04/30/26 09:30	04/30/26 15:26	Texas
890-9873-2	CS - 2 (0.25')	Solid	04/30/26 09:32	04/30/26 15:26	Texas
890-9873-3	CS - 3 (0.25')	Solid	04/30/26 09:34	04/30/26 15:26	Texas
890-9873-4	CS - 4 (0.25')	Solid	04/30/26 09:36	04/30/26 15:26	Texas
890-9873-5	CS - 5 (0.25')	Solid	04/30/26 09:38	04/30/26 15:26	Texas
890-9873-6	CS - 6 (0.25')	Solid	04/30/26 09:40	04/30/26 15:26	Texas
890-9873-7	CS - 7 (0.25')	Solid	04/30/26 09:42	04/30/26 15:26	Texas
890-9873-8	CS - 8 (0.25')	Solid	04/30/26 09:44	04/30/26 15:26	Texas
890-9873-9	CS - 9 (0.25')	Solid	04/30/26 09:46	04/30/26 15:26	Texas
890-9873-10	CS - 10 (0.25')	Solid	04/30/26 09:48	04/30/26 15:26	Texas
890-9873-11	CS - 11 (0.25')	Solid	04/30/26 09:50	04/30/26 15:26	Texas
890-9873-12	CS - 12 (0.25')	Solid	04/30/26 09:52	04/30/26 15:26	Texas
890-9873-13	CS - 13 (0.25')	Solid	04/30/26 09:54	04/30/26 15:26	Texas
890-9873-14	CS - 14 (0.25')	Solid	04/30/26 09:56	04/30/26 15:26	Texas
890-9873-15	CS - 15 (0.25')	Solid	04/30/26 09:58	04/30/26 15:26	Texas
890-9873-16	CS - 16 (0.25')	Solid	04/30/26 10:00	04/30/26 15:26	Texas

Chain of Custody

Work Order No: _____

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 Federal 1H Battery (04.16.2021)	Turn Around	
Project Number:	3262	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	Tmmc?
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.4
Total Containers:		Corrected Temperature:	-4.2

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	Sample Comments
CS-1 (0.25')	4/30/2026	9:30	X		C	1	X	X	X	
CS-2 (0.25')	4/30/2026	9:32	X		C	1	X	X	X	
CS-3 (0.25')	4/30/2026	9:34	X		C	1	X	X	X	
CS-4 (0.25')	4/30/2026	9:36	X		C	1	X	X	X	
CS-5 (0.25')	4/30/2026	9:38	X		C	1	X	X	X	
CS-6 (0.25')	4/30/2026	9:40	X		C	1	X	X	X	
CS-7 (0.25')	4/30/2026	9:42	X		C	1	X	X	X	
CS-8 (0.25')	4/30/2026	9:44	X		C	1	X	X	X	
CS-9 (0.25')	4/30/2026	9:46	X		C	1	X	X	X	
CS-10 (0.25')	4/30/2026	9:48	X		C	1	X	X	X	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Cole M	4.30.26	[signature]	4/30 15 26

Chain of Custody

Work Order No: _____

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 Federal 1H Battery (04.16.2021)	Turn Around	
Project Number:	3262	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 HR TAT
Sampler's Name:	CMM		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:		Tnmn2
Cooler Custody Seals:	Yes No N/A	Correction Factor:		-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:		-4.4
Total Containers:		Corrected Temperature:		-4.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_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	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Hold	Sample Comments
CS-11 (0.25')	4/30/2026	9:50	X		C	1		X	X	X		
CS-12 (0.25')	4/30/2026	9:52	X		C	1		X	X	X		
CS-13 (0.25')	4/30/2026	9:54	X		C	1		X	X	X		
CS-14 (0.25')	4/30/2026	9:56	X		C	1		X	X	X		
CS-15 (0.25')	4/30/2026	9:58	X		C	1		X	X	X		
CS-16 (0.25')	4/30/2026	10:00	X		C	1		X	X	X		

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Cole M	4.30.26		7/30 1526

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

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6900.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9873-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 5/6/2026			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: TATANKA FEDERAL 1H BATTERY (04.06.2021)	Project #: 88001161			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 1 (0.25') (890-9873-1)	4/30/26	09:30 Central	G	Solid			X	X	X	X	X	1	
CS - 2 (0.25') (890-9873-2)	4/30/26	09:32 Central	G	Solid			X	X	X	X	X	1	
CS - 3 (0.25') (890-9873-3)	4/30/26	09:34 Central	G	Solid			X	X	X	X	X	1	
CS - 4 (0.25') (890-9873-4)	4/30/26	09:36 Central	G	Solid			X	X	X	X	X	1	
CS - 5 (0.25') (890-9873-5)	4/30/26	09:38 Central	G	Solid			X	X	X	X	X	1	
CS - 6 (0.25') (890-9873-6)	4/30/26	09:40 Central	G	Solid			X	X	X	X	X	1	
CS - 7 (0.25') (890-9873-7)	4/30/26	09:42 Central	G	Solid			X	X	X	X	X	1	
CS - 8 (0.25') (890-9873-8)	4/30/26	09:44 Central	G	Solid			X	X	X	X	X	1	
CS - 9 (0.25') (890-9873-9)	4/30/26	09:46 Central	G	Solid			X	X	X	X	X	1	

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

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

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

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

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

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6900.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-9873-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 5/6/2026			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: TATANKA FEDERAL 1H BATTERY (04.06.2021)	Project #: 88001161			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS - 10 (0.25') (890-9873-10)	4/30/26	09:48 Central	G	Solid			X	X	X	X	X	1	
CS - 11 (0.25') (890-9873-11)	4/30/26	09:50 Central	G	Solid			X	X	X	X	X	1	
CS - 12 (0.25') (890-9873-12)	4/30/26	09:52 Central	G	Solid			X	X	X	X	X	1	
CS - 13 (0.25') (890-9873-13)	4/30/26	09:54 Central	G	Solid			X	X	X	X	X	1	
CS - 14 (0.25') (890-9873-14)	4/30/26	09:56 Central	G	Solid			X	X	X	X	X	1	
CS - 15 (0.25') (890-9873-15)	4/30/26	09:58 Central	G	Solid			X	X	X	X	X	1	
CS - 16 (0.25') (890-9873-16)	4/30/26	10:00 Central	G	Solid			X	X	X	X	X	1	

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

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	4/30 1630		[signature]	5-1-26 800	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9873-1
SDG Number: Lea County New Mexico

Login Number: 9873
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9873-1
SDG Number: Lea County New Mexico

Login Number: 9873
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 05/01/26 08:30 AM

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

APPENDIX F

CARMONA RESOURCES

FRANKLIN MOUNTAIN ENERGY

January 9, 2023

New Mexico Oil Conservation Division
District I
1625 North French Drive
Hobbs, NM 88240

Subject: **Site Investigation and Remediation Plan**
Tatanka Federal 1H
Lea County, New Mexico
Incident ID: NAPP2110648325

Franklin Mountain Energy, LLC (FME) submits the results of soil sampling completed on December 6, 2022 at the Tatanka 1H Federal Tank Battery in an effort to further delineate the release which occurred on April 16, 2021.

Site Background

The Tatanka 1H Federal Tank Battery is located approximately 9 miles southwest of Jal, New Mexico within Lea County. The location of the facility is depicted in Attachment A, 'Site Location Map – Tatanka Tank Battery'. The facility is active and is comprised of upstream energy production equipment, including pressurized piping, separation equipment, and storage tanks.

On April 16, 2021, an offset operator notified Franklin Mountain Energy LLC (FME) personnel of an observed and active leak at the facility. The well was immediately shut-in remotely via well site telemetry. FME personnel arrived onsite and observed a small pin-hole leak in the gas scrubber drain line, which transfers produced water from the gas scrubber to onsite storage tanks. The line was isolated, and a FME lease operator visually confirmed leak stoppage. As previously communicated, the volume of the release was conservatively estimated to be 13 barrels of produced water.

FME immediately initiated response activities, including both the recovery of 5 barrels of produced water and the removal of approximately 20 to 30 cubic yards of impacted soil.

New Mexico Administrative Code (NMAC) Site Characterization Criteria

Title 19, Chapter 15, Part 29, Section 11 of the New Mexico Administrative Code (NMAC) provides requirements for release characterization once the free liquids and recoverable materials have been removed.

Depth to groundwater

Data from both the New Mexico Office of the State Engineer (NMOSE) and the United States Geological Survey (USGS) were used to estimate the depth to groundwater for the site. Results of the search revealed the distance from the site to the nearest groundwater well was approximately 1.07 miles; the depth to water in this well was recorded to be 230' below ground surface (bgs). This groundwater well was drilled in May 1970.

Groundwater wells located within 1.5 mile-radius of the site of the release are depicted in Attachment B, "Depth to Groundwater Map – Tatanka Tank Battery'.

Wellhead Protection Area

A review of available information indicates there are no sources of water, including springs, wells, or other sources of fresh water, within one-half mile of the release.

Distance to Nearest Significant Watercourse

A significant watercourse is defined as "…a watercourse with a defined bed and bank either named or identified by a dashed blue line on a USGS 7.5-minute quadrangle map or the next lower order tributary with a defined bed and bank" (19.15.17.7 NMAC).

A review of available information indicates there are no significant watercourses within one-half mile of the release.

Site Investigation

Soil sampling was completed on December 6, 2022 in an effort to delineate the area potentially impacted by the release. Multiple grab samples were collected via hand auger at depths ranging from 6" to 10" bgs from three distinct areas in which produced water collected as a result of the release. Sample locations are depicted in Attachment C, 'Sample Location Map – Tatanka 1H Tank Battery'.

Two background samples were also collected. Sampling locations of the background samples are shown in Attachment D, 'Background Sample Location Map – Tatanka 1H Tank Battery'.

Soil Sampling Results

Collected soil samples were released to Cardinal Laboratories in Hobbs, New Mexico on December 7, 2022 and were analyzed between December 8 and December 11, 2022 as per the required test methods in Table I, Closure Criteria for Soils Impacted by a Release, of 19.15.29.12.D. (2) NMAC.

Results of the collected soil sample analyses, including background, are listed in Table 1, 'Confirmation Soil Sample Results – Tatanka 1H', and were compared to the requirements in Table I, Closure Criteria for Soils Impacted by a Release, of 19.15.29.12.D. (2) NMAC for groundwater ≤ 50 feet bgs, as noted on the following page –

Table I Closure Criteria for Soils Impacted by a Release			
Minimum depth below any point within the horizontal boundary of the release to ground water less than 10,000 mg/l TDS	Constituent	Method	Limit
≤ 50 feet	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO+DRO+MRO)	EPA SW-846 Method 8015M	100 mg/kg
	BTEX	EPA SW-846 Method 8021B or 8260B	50 mg/kg
	Benzene	EPA SW-846 Method 8021B or 8260B	10 mg/kg

Multiple soil samples collected within each of the three defined sampling areas exceeded the closure criteria concentration limit for chloride. All collected samples were below the closure criteria for TPH, BTEX and benzene.

Remediation Plan

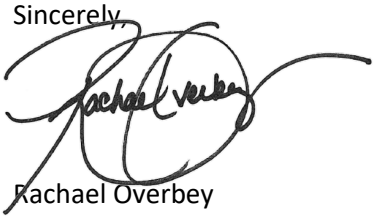
Again, the Tatanka 1H Federal Tank Battery is an active upstream energy site, located within the immediate vicinity of other active upstream energy sites and in excess of one-half mile from both sources of fresh water and any significant watercourse. Furthermore, no occupied structures, including residences, schools, hospitals, etc., are located within several miles of the site. As such, there is no imminent risk to human health, environment, or both surface and groundwaters.

As previously communicated, approximately 2300 square feet of potentially impacted soil remains either immediately adjacent to or underneath existing production equipment, including pressurized piping.

For these reasons, FME is requesting deferral of active remediation of the impacted soil, as outlined in 19.15.29.12.C(2) NMAC, until final reclamation of the Tatanka 1H Federal Tank Battery. At that time, the impacted soil will be removed and disposed of properly, and confirmation sampling will be completed.

Should there be questions concerning this submittal, please feel free to contact me either by phone at 720-414-7868 or email at roverbey@fmellc.com.

Sincerely,



Rachael Overbey
Director - Operations Planning & Regulatory

Attachments:

Attachment A: Site Location Map – Tatanka Tank Battery
Attachment B: Depth to Groundwater Map – Tatanka Tank Battery
Attachment C: Sample Location Map – Tatanka 1H Tank Battery
Attachment D: Background Sample Location Map – Tatanka 1H Tank Battery
Table 1: Confirmation Soil Sample Results – Tatanka 1H

State of New Mexico
Oil Conservation Division

Incident ID	NAPP2110648325
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: ***Each of the following items must be included in the plan.***

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC – *Within cover letter*
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: Rachael Overbey
Title: Director – Operations Planning and Regulatory

Signature: Rachael Overbey
Date: 1/9/2023

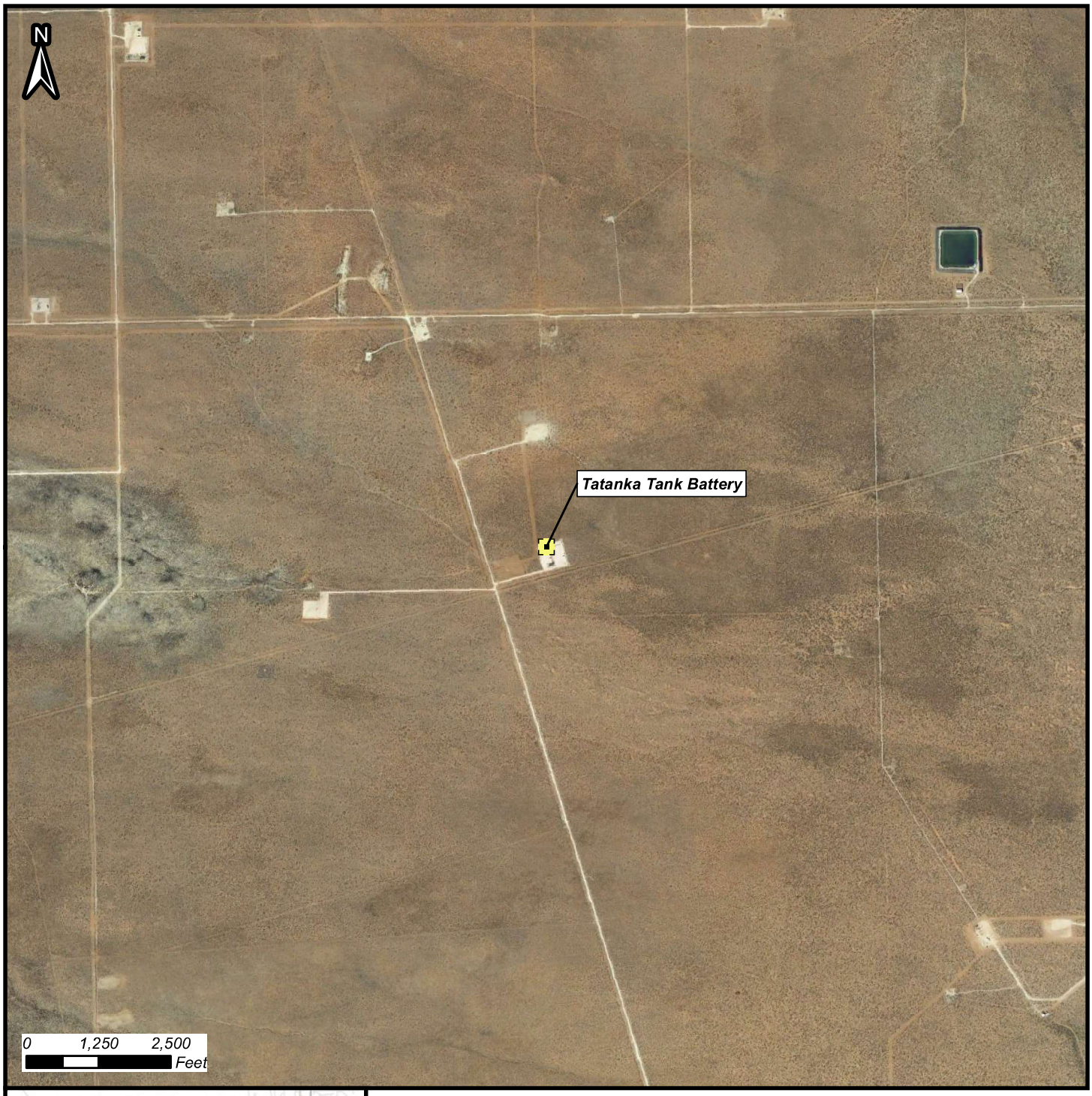
email: roverbey@dmllc.com
Telephone: 720-414-7868

OCD Only

Received by: Jocelyn Harimon
Date: 01/17/2023

☐ Approved ☐ Approved with Attached Conditions of Approval ☒ Denied ☐ Deferral Approved

Signature: Jennifer Nobui
Date: 02/07/2023



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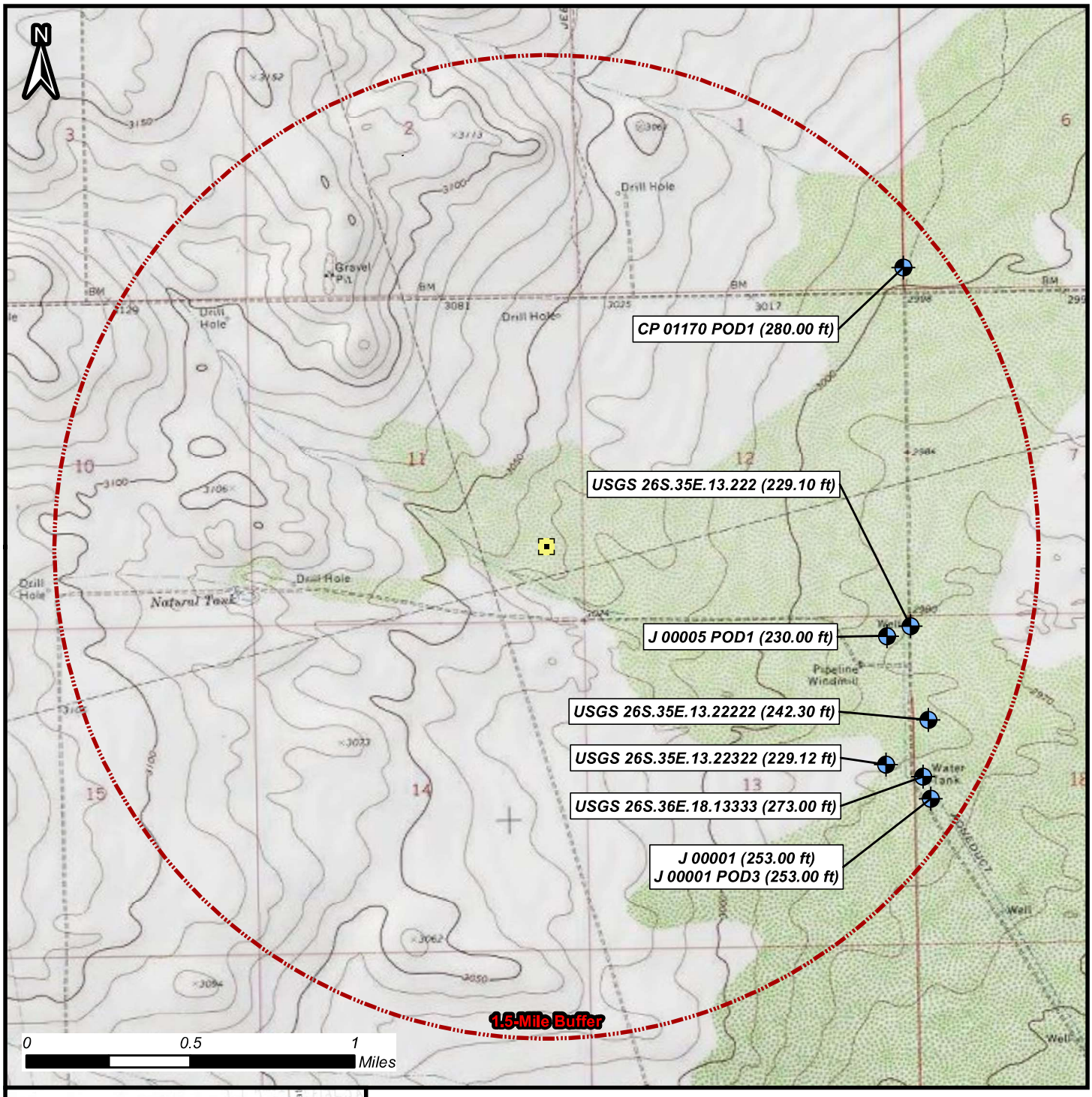
HRL COMPLIANCE SOLUTIONS

DISCLA

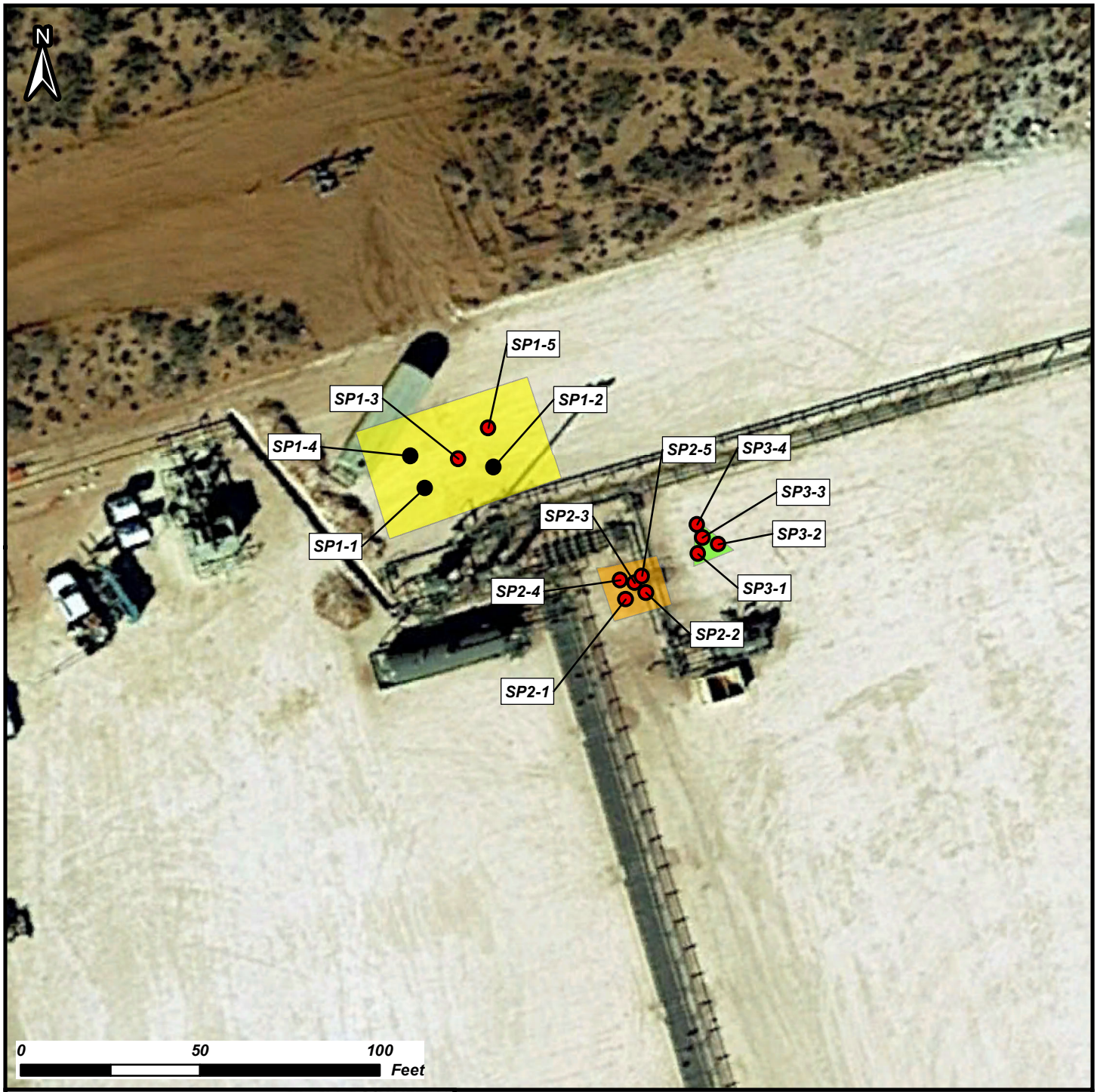
Author: A. Asay
Revision: 0
Date: 5/12/2021

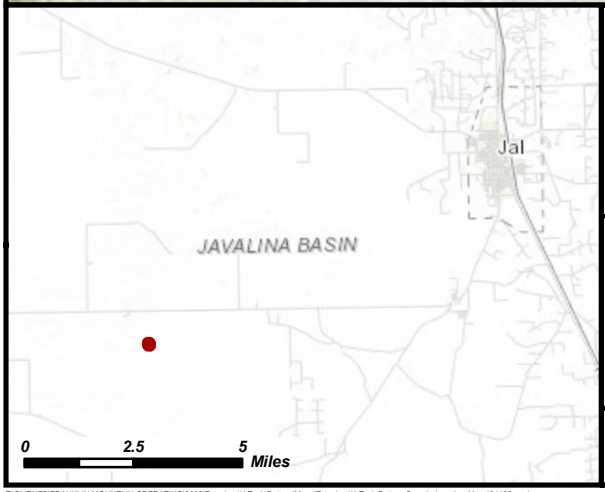


T:\CLIENTS\FRANKLIN MOUNTAIN OPERATING\2021\Maps\SRW\Tatanka Tank B

HRL COMPLIANCE SOLUTIONS

Author: A. Asay
Revision: 0





FRANKLIN MOUNTAIN ENERGY

Sample Location Map

Tatanka 1H Tank Battery

32.053758, -103.331362
Section 11, Township 26 South, Range 35 East

Notes / Comments:

Mapped Features

- Sample Location In Exceedance of NMOCD Thresholds
- Sample Location Below NMOCD Thresholds
- SP1 Grid
- SP2 Grid
- SP3 Grid

HRL COMPLIANCE SOLUTIONS

Author: A. Asay
Revision: 0
Date: 12/14/2022

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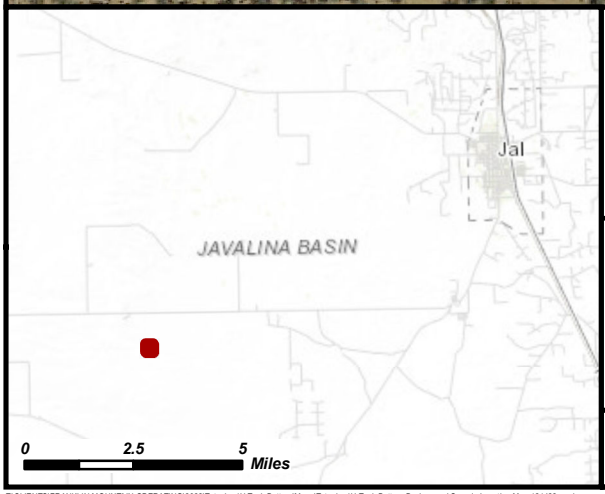

Background Sample Location Map

Tatanka 1H Tank Battery

32.053758, -103.331362
Section 11, Township 26 South, Range 35 East

Notes / Comments:

Mapped Features

- Background Sample Location
- SP1 Grid
- SP2 Grid
- SP3 Grid

HRL COMPLIANCE SOLUTIONS

Author: A. Asay
Revision: 0
Date: 12/14/2022

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HRL COMPLIANCE SOLUTIONS

Table 1
Confirmation Soil Sample Results
Franklin Mountain Energy
Tatanka 1H
Lea County, New Mexico

Sample ID	Depth (feet or inches)	Sample Date	Chloride	Benzene	BTEX	TPH
			Values are in milligrams per kilogram (mg/kg)			
NMOCD Closure Criteria (Groundwater less than 50 feet) *			600	10	50	100
SP1-1	7"	12/6/2022	496	<0.050	<0.300	<10.0
SP1-2	9"	12/6/2022	416	<0.050	<0.300	<10.0
SP1-3	8"	12/6/2022	**4480**	<0.050	<0.300	<10.0
SP1-4	9"	12/6/2022	32	<0.050	<0.300	<10.0
SP1-5	8"	12/6/2022	**3920**	<0.050	<0.300	<10.0
SP2-1	7"	12/6/2022	**4880**	<0.050	<0.300	<10.0
SP2-2	10"	12/6/2022	**5360**	<0.050	<0.300	<10.0
SP2-3	6"	12/6/2022	**1820**	<0.050	<0.300	<10.0
SP2-4	10"	12/6/2022	**9200**	<0.050	<0.300	<10.0
SP2-5	10"	12/6/2022	**4960**	<0.050	<0.300	<10.0
SP3-1	9"	12/6/2022	**12400**	<0.050	<0.300	<10.0
SP3-2	10"	12/6/2022	**3680**	<0.050	<0.300	<10.0
SP3-3	6"	12/6/2022	**5760**	<0.050	<0.300	<10.0
SP3-4	8"	12/6/2022	**6560**	<0.050	<0.300	<10.0
BKGD1	6"	12/6/2022	16	<0.050	<0.300	<10.0
BKGD2	6"	12/6/2022	<16.0	<0.050	<0.300	<10.0

Notes:

NMOCD: New Mexico Oil Conservation Division

BTEX: Benzene, Toluene, Ethylbenzene, Total Xylenes

TPH: Total Petroleum Hydrocarbons

Bold results exceed closure criteria

* Closure Criteria specified in 19.15.29.12 NMAC

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

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2110648325**
Incident Name	**NAPP2110648325 TATANKA FEDERAL 1H BATTERY @ 30-025-44569**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Well	**[30-025-44569] TATANKA FEDERAL #001H**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	TATANKA FEDERAL 1H BATTERY
Date Release Discovered	04/16/2021
Surface Owner	Federal

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

Nature and Volume of Release	
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	*Not answered.*
Produced Water Released (bbls) Details	Cause: Corrosion | Dump Line | Produced Water | Released: 15 BBL | Recovered: 0 BBL | Lost: 15 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Dump line corrosion leak. Line has been isolated. Clean up process is underway.

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 Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	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	False
If all the actions described above have not been undertaken, explain why	Cleanup is underway.
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: 05/06/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582673
	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 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between ½ and 1 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 500 and 1000 (ft.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
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)	3300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	10/20/2025
On what date will (or did) the final sampling or liner inspection occur	04/30/2026
On what date will (or was) the remediation complete(d)	04/30/2026
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	3000
What is the estimated volume (in cubic yards) that will be remediated	5
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582673
	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: 05/06/2026
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582673
	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
	Action Number: 582673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**578775**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/30/2026**
What was the (estimated) number of samples that were to be gathered	**30**
What was the sampling surface area in square feet	**3000**

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	3000
What was the total volume (cubic yards) remediated	5
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)	Groundwater has been defined since the previous site assessment conducted by Franklin Mountain contractors. Samples did not exceed remediation requirements during that time. A surface scrape was conducted by a hand crew around the equipment during the drilling of the groundwater determination bore nearby. Surface composite confirmation samples were collected and did not show any exceedances per NMAC 19.15.29.12. The area will be reclaimed per NMAC 19.15.29.13 once the location is P/A'd.

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: 05/06/2026

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QUESTIONS (continued)

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	Action Number: 582673
	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: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582673
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	6/25/2026