



SITE INFORMATION

Closure Report
Eagle #1 CTB (07.22.2025)
Incident ID: NAPP2520429493
Lea County, New Mexico
Unit E, Sec 12, T10S, R33E
33.463112164°, -103.527814776°

Produced Water Release
Point of Release: Pin Hole on Water Line
Release Date: 07.22.2025
Volume Released: 33 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

CARMONA RESOURCES



Prepared for:
BTA Oil Producers, LLC
104 South Pecos Street
Midland, Texas 79701

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

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



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September 8, 2025

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

Re: **Closure Report**
Eagle #1 CTB (07.22.2025)
Incident ID: NAPP2520429493
BTA Oil Producers, LLC
Site Location: Unit E, S12, T10S, R33E
33.463112164° -103.527814776°
Lea County, New Mexico

To whom it may concern:

On behalf of BTA Oil Producers, LLC (BTA), Carmona Resources LLC has prepared this letter to document the remediation activities for the Eagle #1 CTB release. The site is located at 33.463112164°, -103.527814776° within Unit E, S12, T10S, R33E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 22, 2025, due to a pin hole on a water line. It resulted in approximately thirty-three (33) barrels of produced water being released, with zero (0) barrels of produced water recovered. The release area is approximately 225 square feet. The spill boundaries are shown in Figure 3. The Notification of Release and Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a 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 well is approximately 0.61 miles South of the site in S12, T10S, R33E and was last gauged in 1996. The well has a reported depth to groundwater of 39.28 feet below the ground surface (ft bgs). A copy of the summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

Initial Assessment

On August 7, 2025, Carmona Resources personnel performed site assessment activities via air-rotary drilling to evaluate soil impacts stemming from the release. A total of three (3) borehole samples (BH-1 through BH-3) and four (4) horizontal samples (H-1 through H-4) were installed to total depths ranging from surface to 5.0 ft bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in all borehole samples for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in the areas of H-1, H-2, and H-4 for Benzene, total BTEX, TPH, and Chloride concentrations. The area of H-3 showed elevated TPH concentrations and was further delineated via composite sidewall samples during remediation activities. Refer to Table 1.

5.0 Remediation Activities

Beginning on August 27, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on August 25, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to a depth of 3.5 ft bgs. A total of five (5) confirmation floor samples (CS-1 through CS-5) were collected, and eight (8) sidewall samples (SW-1 through SW-8) were collected every 200 square feet to ensure the proper removal of the contaminated soil. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation and sidewall samples were below the regulatory requirements for TPH, BTEX, and Chloride. Refer to Table 2. The excavation depth and confirmation sample locations are shown in Figure 4.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on August 27, 2025, before being utilized. The backfill material was sourced from the Gandy Marley Land farm at 33.384095, -103.827756. Refer to Table 2. Approximately 225 square feet of contamination was remediated, resulting in 60 cubic yards of material being excavated and transported offsite for proper disposal.

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6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

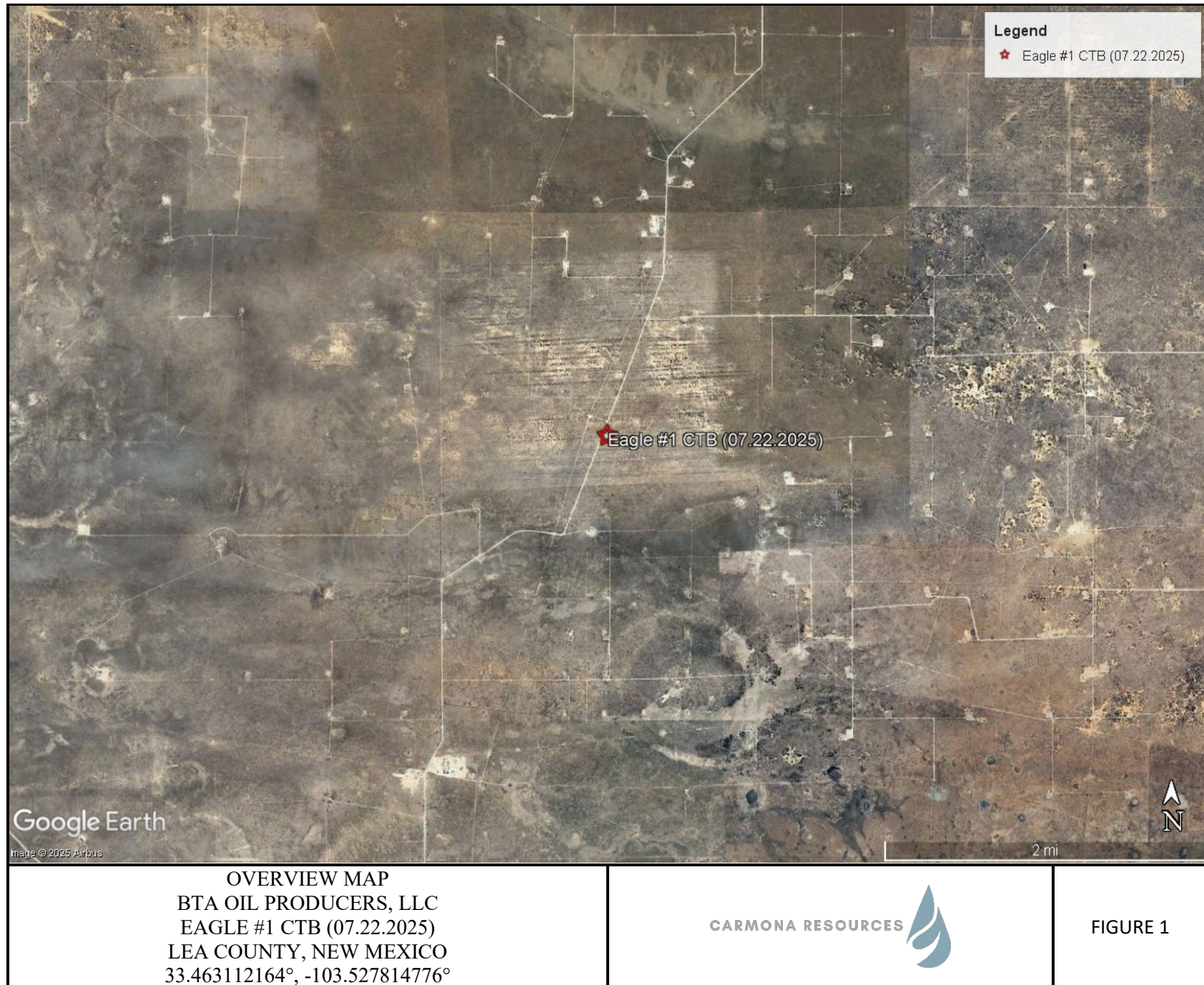
Ashton Thielke
Environmental Manager

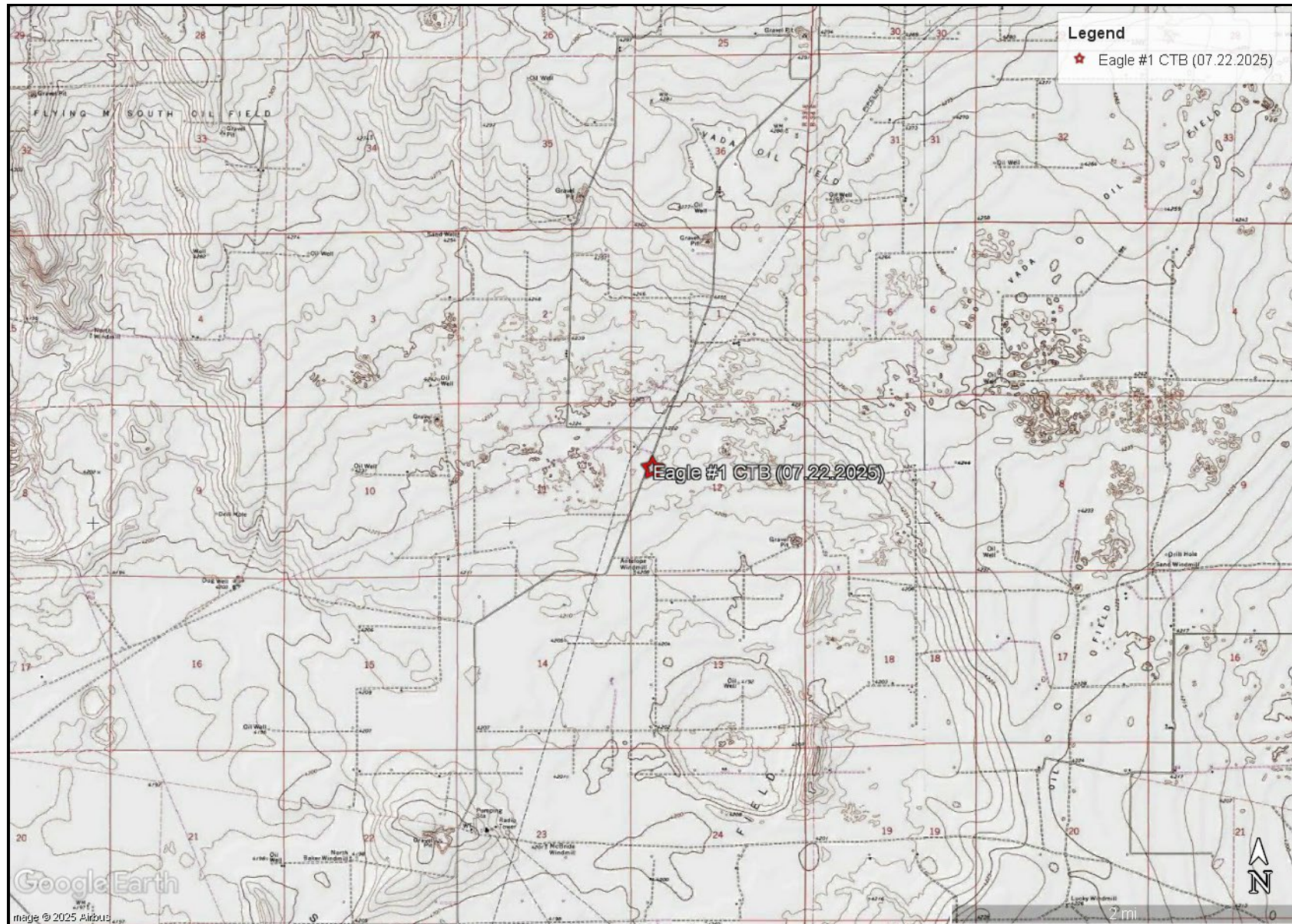
Riley Plogger
Project Manager

FIGURES

CARMONA RESOURCES





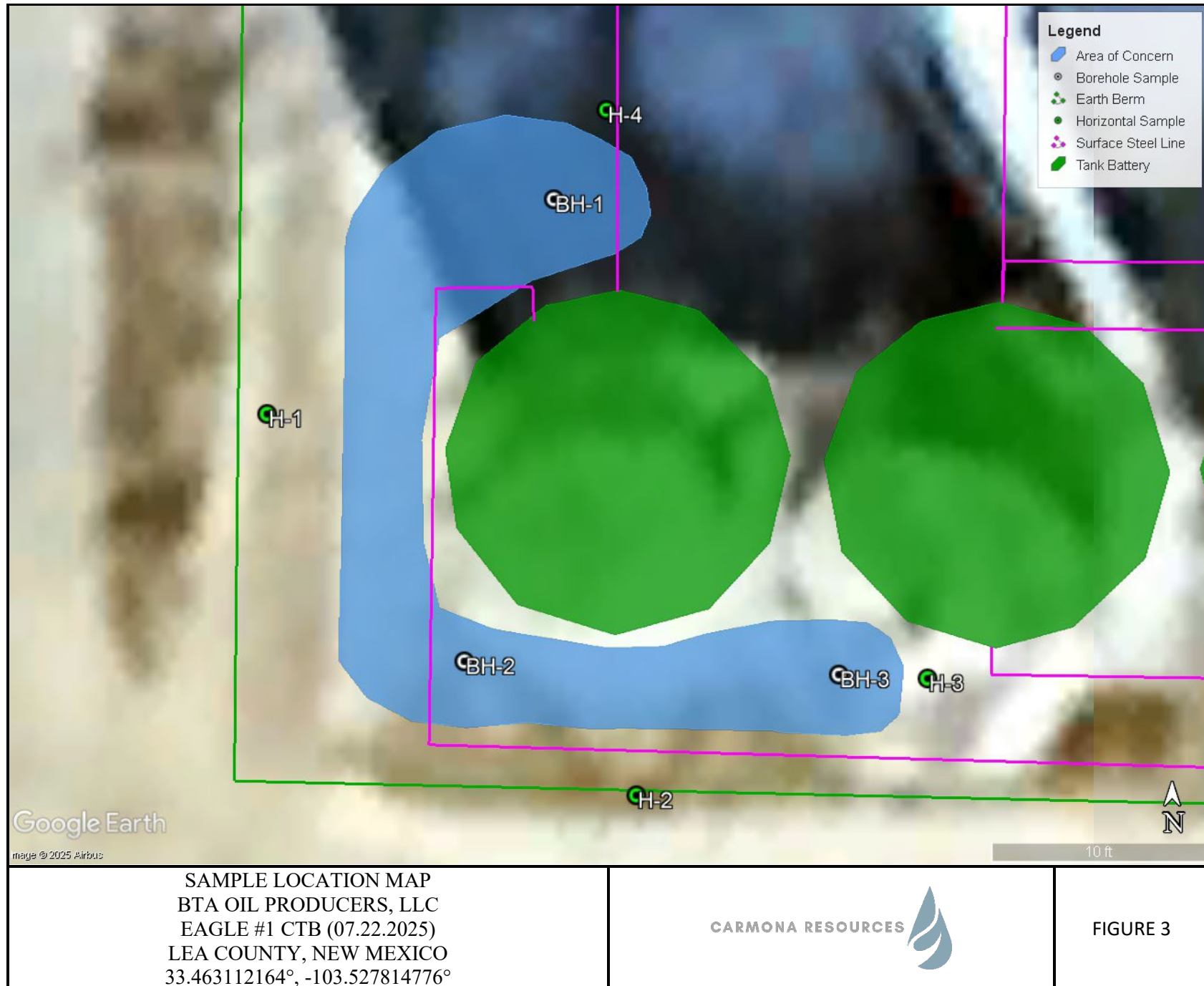


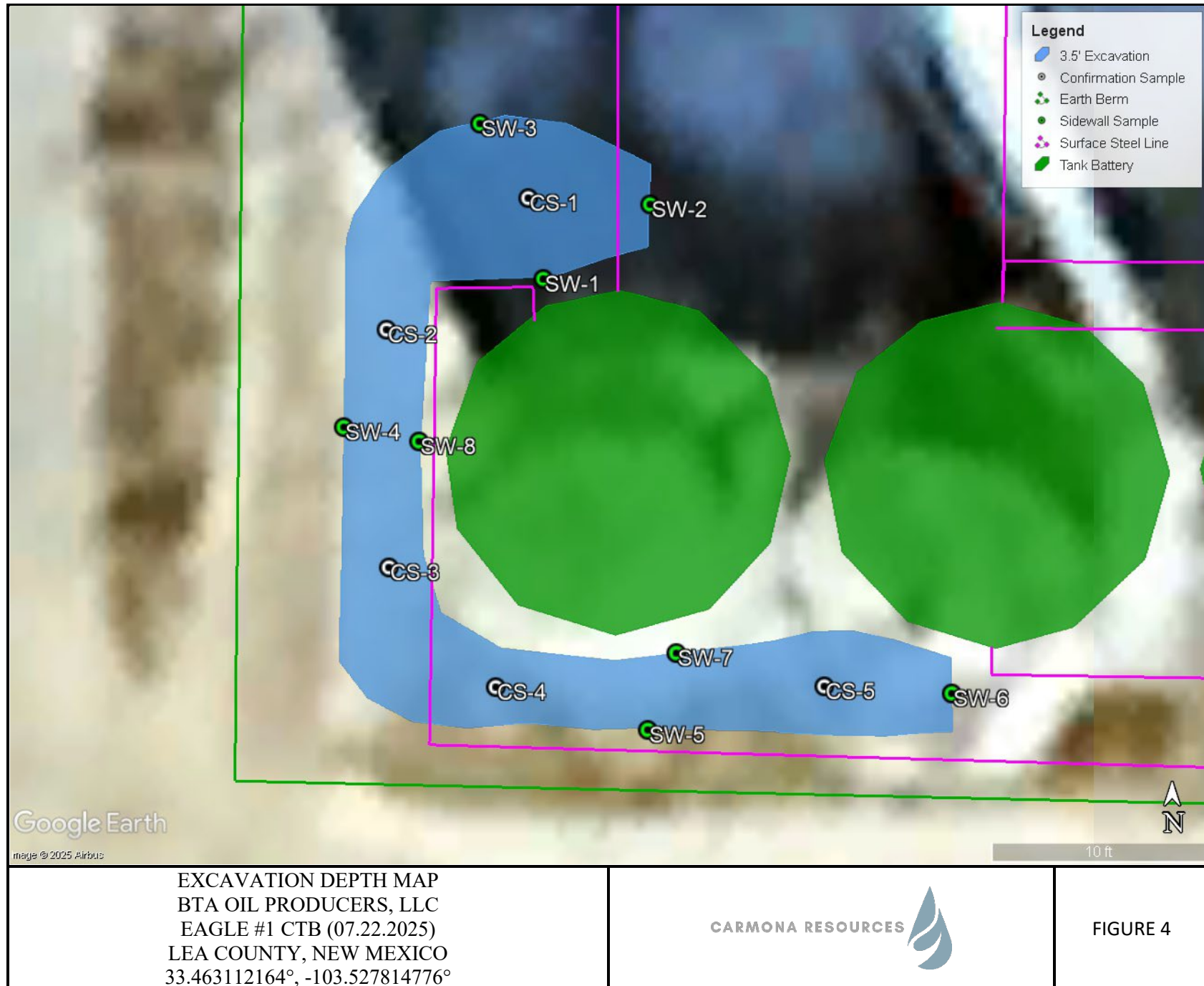
TOPOGRAPHIC MAP
 BTA OIL PRODUCERS, LLC
 EAGLE #1 CTB (07.22.2025)
 LEA COUNTY, NEW MEXICO
 33.463112164°, -103.527814776°

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FIGURE 2





APPENDIX A

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Table 1
BTA Oil Producers, LLC
Eagle #1 CTB (07.22.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
BH-1	8/7/2025	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16,200
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,440
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,300
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	477
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	66.2
BH-2	8/7/2025	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	5,620
	"	2.0'	<50.0	112	<50.0	112	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,450
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,310
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	416
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	221
BH-3	8/7/2025	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12,100
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,520
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,910
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	402
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	22.1
H-1	8/7/2025	0-0.5'	<50.0	91.7	<50.0	91.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.9
H-2	8/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	23.1
H-3	8/7/2025	0-0.5'	<50.0	109	<50.0	109	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
H-4	8/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	43.1
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg


^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(H) - Horizontal Sample
(BH) - Borehole Sample
 Removed

Table 2
BTA Oil Producers, LLC
Eagle #1 CTB (07.22.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-2	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
CS-3	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-4	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
CS-5	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
SW-1	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
SW-2	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-3	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
SW-4	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-5	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
SW-6	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-7	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
SW-8	8/27/2025	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
Backfill Sample	8/27/2025	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
Regulatory Criteria^A							100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg

^A – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) - Confirmation Sample
(SW) - Sidewall Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

BTA Oil Producers, LLC

Photograph No. 1

Facility: Eagle # 1 CTB

County: Lea County, New Mexico

Description:

View Southeast, Hydro-excavated area of CS-1 through CS-3.



Photograph No. 2

Facility: Eagle # 1 CTB

County: Lea County, New Mexico

Description:

View North, Hydro-excavated area of CS-4 and CS-5.



Photograph No. 3

Facility: Eagle # 1 CTB

County: Lea County, New Mexico

Description:

View West, Hydro-excavated area of CS-4 and CS-5.



PHOTOGRAPHIC LOG**BTA Oil Producers, LLC****Photograph No. 4****Facility:** Eagle # 1 CTB**County:** Lea County, New Mexico**Description:**

View Southeast, Backfilled area of CS-1 and CS-2.

**Photograph No. 5****Facility:** Eagle # 1 CTB**County:** Lea County, New Mexico**Description:**

View Northeast, Backfilled area of CS-3 and CS-4.

**Photograph No. 6****Facility:** Eagle # 1 CTB**County:** Lea County, New Mexico**Description:**

View West, Backfilled area of CS-3 and CS-4.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 487849

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 487849
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Eagle #1 CTB
Date Release Discovered	07/22/2025
Surface Owner	State

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Water Tank Produced Water Released: 33 BBL Recovered: 0 BBL Lost: 33 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)	Pin hole on water load line causing a spill onto the ground. 33 bbl PW released into earth berm containment.

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

QUESTIONS, Page 2

Action 487849

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 487849
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 487849

ACKNOWLEDGMENTS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 487849
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
<input checked="" type="checkbox"/>	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to my operator) to track the notification(s) and corrective action(s) for a release, pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I acknowledge that creating a new incident file will require my operator to file subsequent submission(s) of form "C-141, Application for administrative approval of a release notification and corrective action", pursuant to NMAC 19.15.29.
<input checked="" type="checkbox"/>	I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that the acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment.
<input checked="" type="checkbox"/>	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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CONDITIONS

Action 487849

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 487849
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
ntinker	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	7/23/2025

Saturated Soil Calculation

Eagle CTB

L(Ft)	W(Ft)	D(In)	Oil %
45	18	20	0



Soil Definitions



SOIL TYPE FACTOR

0.08

0.14

0.16

0.25

0.15

H₂O Spill Total: 33.66 Bbls

Oil Spill Total: 0.00 Bbls

Total Spilled: 33.66 Bbls

Total Spilled: 1,413.72 Gals

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

QUESTIONS

Action 490401

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 490401
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2520429493
Incident Name	NAPP2520429493 EAGLE #1 CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2201826250] Eagle

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Eagle #1 CTB
Date Release Discovered	07/22/2025
Surface Owner	State

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.	
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Produced Water Released (bbls) Details	Cause: Corrosion Water Tank Produced Water Released: 33 BBL Recovered: 0 BBL Lost: 33 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)	Pin hole on water load line causing a spill onto the ground. 33 bbl PW released into earth berm containment.

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QUESTIONS, Page 2

Action 490401

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 490401
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Noah Tinker Title: Engineer Email: ntinker@btaoil.com Date: 07/30/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 490401

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 490401
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

CONDITIONS

Action 490401

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 490401
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	None	7/30/2025

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

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 499017

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 499017
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2520429493
Incident Name	NAPP2520429493 EAGLE #1 CTB @ 0
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2201826250] Eagle

Location of Release Source	
Site Name	EAGLE #1 CTB
Date Release Discovered	07/22/2025
Surface Owner	State

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	283
What is the estimated number of samples that will be gathered	7
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/27/2025
Time sampling will commence	12:00 PM
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	(33.463112°, -103.527814°) Carmona Resources will be onsite to collect confirmation floor samples from the excavation taking place onsite.

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

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 499017

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 499017
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
ntinker	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.	8/25/2025
ntinker	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.	8/25/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

BTA OIL PRODUCERS, LLC

Legend

- 0.50 Mile Radius
- 0.61 Miles
- 1.55 Miles
- 2.12 Miles
- Eagle #1 CTB (07.22.2025)
- USGS Water Well



22.03' - Drilled 1961

Eagle #1 CTB (07.22.2025)

39.28' - Gauged 1996

35.03' - Drilled 1981

Low Karst

BTA OIL PRODUCERS, LLC

Legend

- Eagle #1 CTB (07.22.2025)
- Low

Eagle #1 CTB (07.22.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tw	Range	X	Y	Map	Distance (meters)	Well Depth	Depth Water (In feet)	Water Column
P 01246 AS		P	RO	NW	NE	SW	14	10S	33E	635580.0	3701637.0 *		2314	113		
L 13497 POD1		L	LE	NW	SE	SW	28	12S	36E	637018.3	3699051.5		4552	115	32	83

Average Depth to Water: 32 feet

Minimum Depth: 32 feet

Maximum Depth: 32 feet

Record Count: 2

UTM Filters (in meters):

Easting: 636808.40
Northing: 3703598.79
Radius: 5000

* UTM location was derived from PLSS - see Help

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



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USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

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Groundwater levels for New Mexico

Click to hide state-specific text

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 332704103313301

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 332704103313301 10S.33E.12.33330

Lea County, New Mexico
Latitude 33°27'16", Longitude 103°31'44" NAD27
Land-surface elevation 4,208.00 feet above NGVD29
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

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

Date	Time	? Water-level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source (measur
1970-08-31			D	62610	4164.95	NGVD29	P		Z	
1970-08-31			D	62611	4166.61	NAVD88	P		Z	
1970-08-31			D	72019	43.05		P		Z	
1971-04-02			D	62610	4165.33	NGVD29	P		Z	
1971-04-02			D	62611	4166.99	NAVD88	P		Z	
1971-04-02			D	72019	42.67		P		Z	
1976-04-30			D	62610	4167.61	NGVD29	P		Z	
1976-04-30			D	62611	4169.27	NAVD88	P		Z	
1976-04-30			D	72019	40.39		P		Z	
1981-02-10			D	62610	4167.29	NGVD29	1		Z	
1981-02-10			D	62611	4168.95	NAVD88	1		Z	
1981-02-10			D	72019	40.71		1		Z	
1986-02-26			D	62610	4168.98	NGVD29	1		Z	
1986-02-26			D	62611	4170.64	NAVD88	1		Z	
1986-02-26			D	72019	39.02		1		Z	
1991-06-06			D	62610	4169.35	NGVD29	1		Z	

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1991-06-06			D	62611	4171.01	NAVD88	1		Z	
1991-06-06			D	72019	38.65		1		Z	
1996-01-19			D	62610	4168.72	NGVD29	1		S	
1996-01-19			D	62611	4170.38	NAVD88	1		S	
1996-01-19			D	72019	39.28		1		S	

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

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URL: [https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?](https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?site_no=332704103313301&agency_cd=USGS&format=html)



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Agency code = usgs
site_no list =

- 332631103323001

Minimum number of levels = 1
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USGS 332631103323001 10S.33E.14.311424

Lea County, New Mexico
Latitude 33°26'44", Longitude 103°32'41" NAD27
Land-surface elevation 4,210.00 feet above NGVD29
The depth of the well is 200 feet below land surface.
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.
This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1976-11-02			D	62610	4175.14	NGVD29	1	Z		
1976-11-02			D	62611	4176.80	NAVD88	1	Z		
1976-11-02			D	72019	34.86		1	Z		
1981-02-10			D	62610	4174.97	NGVD29	1	Z		
1981-02-10			D	62611	4176.63	NAVD88	1	Z		
1981-02-10			D	72019	35.03		1	Z		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface

Section	Code	Description
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 332917103303801

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 332917103303801 09S.33E.36.244

Lea County, New Mexico
Latitude 33°29'28", Longitude 103°30'46" NAD27
Land-surface elevation 4,280.00 feet above NGVD29
This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1961-03-02			D62610		4257.97	NGVD29	1	Z		
1961-03-02			D62611		4259.67	NAVD88	1	Z		
1961-03-02			D72019	22.03			1	Z		

Explanation

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

Section	Code	Description
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

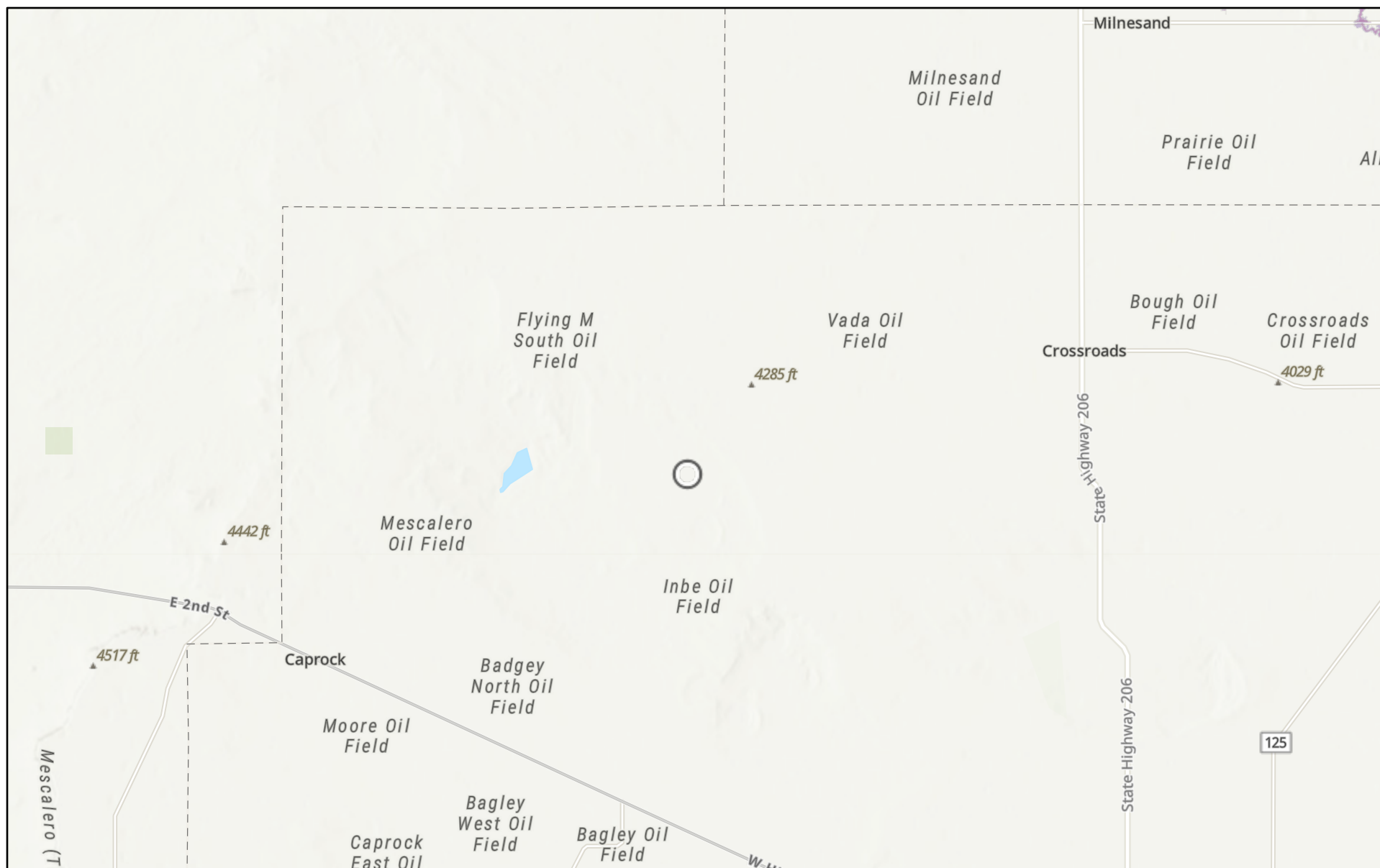
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Eagle #1 CTB (07.22.2025)



7/23/2025

USA Flood Hazard Areas

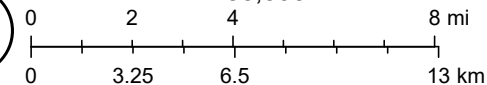
0.2% Annual Chance Flood Hazard

1% Annual Chance Flood Hazard

World_Hillshade



1:288,895



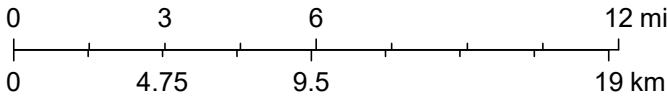
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1:288,895



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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/12/2025 10:29:29 AM

JOB DESCRIPTION

Eagle #1 CTB (07.22.2025)
Lea County, New Mexico

JOB NUMBER

880-61272-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/12/2025 10:29:29 AM

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

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Laboratory Job ID: 880-61272-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1

Job ID: 880-61272-1

Eurofins Midland

Job Narrative 880-61272-1

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 8/7/2025 3:44 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 4.8°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116157 and analytical batch 880-116179 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116201 and analytical batch 880-116227 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-1 (0-1.0')

Lab Sample ID: 880-61272-1

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 00:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/07/25 16:27	08/09/25 00:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/07/25 16:27	08/09/25 00:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/07/25 16:27	08/09/25 00:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/07/25 16:27	08/09/25 00:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/07/25 16:27	08/09/25 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/07/25 16:27	08/09/25 00:33	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/07/25 16:27	08/09/25 00:33	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			08/09/25 00:33	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			08/11/25 23:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 23:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 23:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	08/07/25 16:12	08/11/25 23:20	1
o-Terphenyl (Surr)	89		70 - 130	08/07/25 16:12	08/11/25 23:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16200		201		mg/Kg			08/08/25 20:27	20

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-61272-2

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 00:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 00:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 00:54	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/07/25 16:27	08/09/25 00:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 00:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/07/25 16:27	08/09/25 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/07/25 16:27	08/09/25 00:54	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/07/25 16:27	08/09/25 00:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-61272-2

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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			08/09/25 00:54	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			08/11/25 23:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/11/25 23:35	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/11/25 23:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/11/25 23:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				08/07/25 16:12	08/11/25 23:35	1
o-Terphenyl (Surr)	85		70 - 130				08/07/25 16:12	08/11/25 23:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1440		10.0		mg/Kg			08/08/25 20:44	1

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-61272-3

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 01:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 01:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 01:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/09/25 01:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 01:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/09/25 01:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/07/25 16:27	08/09/25 01:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/07/25 16:27	08/09/25 01:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/09/25 01:15	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			08/11/25 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/11/25 23:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/11/25 23:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-61272-3

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:12	08/11/25 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				08/07/25 16:12	08/11/25 23:51	1
o-Terphenyl (Surr)	83		70 - 130				08/07/25 16:12	08/11/25 23:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		9.98		mg/Kg			08/08/25 20:50	1

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-61272-4

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 01:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 01:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 01:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/09/25 01:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 01:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/09/25 01:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/07/25 16:27	08/09/25 01:35	1
1,4-Difluorobenzene (Surr)	96		70 - 130				08/07/25 16:27	08/09/25 01:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/09/25 01:35	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			08/12/25 00:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 00:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 00:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 00:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				08/07/25 16:12	08/12/25 00:07	1
o-Terphenyl (Surr)	85		70 - 130				08/07/25 16:12	08/12/25 00:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		9.96		mg/Kg			08/08/25 20:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-61272-5

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 01:56	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 01:56	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 01:56	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/07/25 16:27	08/09/25 01:56	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 01:56	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/07/25 16:27	08/09/25 01:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	08/07/25 16:27	08/09/25 01:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/07/25 16:27	08/09/25 01:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/09/25 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/12/25 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/12/25 00:23	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/12/25 00:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/12/25 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	08/07/25 16:12	08/12/25 00:23	1
o-Terphenyl (Surr)	88		70 - 130	08/07/25 16:12	08/12/25 00:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.2		9.96		mg/Kg			08/08/25 21:01	1

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-61272-6

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 02:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 02:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 02:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/07/25 16:27	08/09/25 02:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 02:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/07/25 16:27	08/09/25 02:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	08/07/25 16:27	08/09/25 02:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/07/25 16:27	08/09/25 02:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-61272-6

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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			08/09/25 02:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 00:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 00:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				08/07/25 16:12	08/12/25 00:39	1
o-Terphenyl (Surr)	86		70 - 130				08/07/25 16:12	08/12/25 00:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5620		99.2		mg/Kg			08/08/25 21:07	10

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-61272-7

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 03:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/07/25 16:27	08/09/25 03:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/07/25 16:27	08/09/25 03:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/07/25 16:27	08/09/25 03:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/07/25 16:27	08/09/25 03:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/07/25 16:27	08/09/25 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				08/07/25 16:27	08/09/25 03:50	1
1,4-Difluorobenzene (Surr)	90		70 - 130				08/07/25 16:27	08/09/25 03:50	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			08/09/25 03:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	112		50.0		mg/Kg			08/12/25 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 01:10	1
Diesel Range Organics (Over C10-C28)	112		50.0		mg/Kg		08/07/25 16:12	08/12/25 01:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-61272-7

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:12	08/12/25 01:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				08/07/25 16:12	08/12/25 01:10	1
o-Terphenyl (Surr)	89		70 - 130				08/07/25 16:12	08/12/25 01:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		9.94		mg/Kg			08/08/25 21:12	1

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-61272-8

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 04:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 04:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 04:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/09/25 04:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 04:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/09/25 04:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/07/25 16:27	08/09/25 04:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/07/25 16:27	08/09/25 04:10	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			08/09/25 04:10	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			08/12/25 01:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/12/25 01:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/12/25 01:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/07/25 16:12	08/12/25 01:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				08/07/25 16:12	08/12/25 01:27	1
o-Terphenyl (Surr)	89		70 - 130				08/07/25 16:12	08/12/25 01:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		10.0		mg/Kg			08/08/25 21:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-61272-9

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 04:31	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 04:31	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 04:31	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/07/25 16:27	08/09/25 04:31	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 04:31	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/07/25 16:27	08/09/25 04:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/07/25 16:27	08/09/25 04:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/07/25 16:27	08/09/25 04:31	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			08/09/25 04:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/12/25 01:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 01:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 01:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 01:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	08/07/25 16:12	08/12/25 01:42	1
o-Terphenyl (Surr)	83		70 - 130	08/07/25 16:12	08/12/25 01:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	416		10.1		mg/Kg			08/08/25 21:35	1

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-61272-10

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 04:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 04:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 04:51	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		08/07/25 16:27	08/09/25 04:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/09/25 04:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/07/25 16:27	08/09/25 04:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/07/25 16:27	08/09/25 04:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/07/25 16:27	08/09/25 04:51	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-61272-10

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/09/25 04:51	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			08/12/25 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 01:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 01:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				08/07/25 16:12	08/12/25 01:58	1
o-Terphenyl (Surr)	85		70 - 130				08/07/25 16:12	08/12/25 01:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		10.0		mg/Kg			08/08/25 21:52	1

Client Sample ID: BH-3 (0-1.0')

Lab Sample ID: 880-61272-11

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 05:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 05:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 05:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/09/25 05:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/09/25 05:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/09/25 05:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/07/25 16:27	08/09/25 05:12	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/07/25 16:27	08/09/25 05:12	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			08/09/25 05:12	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			08/12/25 02:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 02:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 02:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-3 (0-1.0')

Lab Sample ID: 880-61272-11

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:12	08/12/25 02:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				08/07/25 16:12	08/12/25 02:13	1
o-Terphenyl (Surr)	87		70 - 130				08/07/25 16:12	08/12/25 02:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12100		99.2		mg/Kg			08/08/25 21:58	10

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-61272-12

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 05:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 05:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 05:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/07/25 16:27	08/09/25 05:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 05:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/07/25 16:27	08/09/25 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				08/07/25 16:27	08/09/25 05:32	1
1,4-Difluorobenzene (Surr)	97		70 - 130				08/07/25 16:27	08/09/25 05:32	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			08/09/25 05:32	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			08/12/25 02:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 02:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 02:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/12/25 02:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/07/25 16:12	08/12/25 02:30	1
o-Terphenyl (Surr)	92		70 - 130				08/07/25 16:12	08/12/25 02:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1520		49.7		mg/Kg			08/08/25 22:03	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-3 (3.0')

Lab Sample ID: 880-61272-13

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 05:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 05:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 05:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/09/25 05:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/09/25 05:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/09/25 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/07/25 16:27	08/09/25 05:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/07/25 16:27	08/09/25 05:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/09/25 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 02:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 02:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 02:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 02:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	08/07/25 16:12	08/12/25 02:45	1
o-Terphenyl (Surr)	90		70 - 130	08/07/25 16:12	08/12/25 02:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1910		50.2		mg/Kg			08/08/25 22:09	5

Client Sample ID: BH-3 (4.0')

Lab Sample ID: 880-61272-14

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 06:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 06:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 06:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/07/25 16:27	08/09/25 06:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 06:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/07/25 16:27	08/09/25 06:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/07/25 16:27	08/09/25 06:13	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/07/25 16:27	08/09/25 06:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-3 (4.0')

Lab Sample ID: 880-61272-14

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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			08/09/25 06:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/12/25 03:01	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		08/07/25 16:12	08/12/25 03:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 03:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				08/07/25 16:12	08/12/25 03:01	1
o-Terphenyl (Surr)	87		70 - 130				08/07/25 16:12	08/12/25 03:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	402		9.90		mg/Kg			08/08/25 22:15	1

Client Sample ID: BH-3 (5.0')

Lab Sample ID: 880-61272-15

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 06:34	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 06:34	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 06:34	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/07/25 16:27	08/09/25 06:34	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 06:34	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/07/25 16:27	08/09/25 06:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				08/07/25 16:27	08/09/25 06:34	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/07/25 16:27	08/09/25 06:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/09/25 06:34	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			08/12/25 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 03:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 03:16	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-3 (5.0')
Date Collected: 08/07/25 00:00
Date Received: 08/07/25 15:44

Lab Sample ID: 880-61272-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/12/25 03:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				08/07/25 16:12	08/12/25 03:16	1
o-Terphenyl (Surr)	87		70 - 130				08/07/25 16:12	08/12/25 03:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.1		9.96		mg/Kg			08/08/25 22:20	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-61271-A-1-H MS	Matrix Spike	86	123
880-61271-A-1-I MSD	Matrix Spike Duplicate	105	97
880-61272-1	BH-1 (0-1.0')	101	103
880-61272-2	BH-1 (2.0')	97	94
880-61272-3	BH-1 (3.0')	96	98
880-61272-4	BH-1 (4.0')	100	96
880-61272-5	BH-1 (5.0')	89	100
880-61272-6	BH-2 (0-1.0')	103	96
880-61272-7	BH-2 (2.0')	106	90
880-61272-8	BH-2 (3.0')	99	97
880-61272-9	BH-2 (4.0')	102	95
880-61272-10	BH-2 (5.0')	102	100
880-61272-11	BH-3 (0-1.0')	107	102
880-61272-12	BH-3 (2.0')	100	97
880-61272-13	BH-3 (3.0')	101	100
880-61272-14	BH-3 (4.0')	102	96
880-61272-15	BH-3 (5.0')	99	99
LCS 880-116157/1-A	Lab Control Sample	106	100
LCSD 880-116157/2-A	Lab Control Sample Dup	104	97
MB 880-116157/5-B	Method Blank	101	89
MB 880-116210/5-A	Method Blank	102	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)
880-61271-A-1-B MS	Matrix Spike	82	89
880-61271-A-1-C MSD	Matrix Spike Duplicate	100	88
880-61272-1	BH-1 (0-1.0')	90	89
880-61272-2	BH-1 (2.0')	88	85
880-61272-3	BH-1 (3.0')	85	83
880-61272-4	BH-1 (4.0')	88	85
880-61272-5	BH-1 (5.0')	90	88
880-61272-6	BH-2 (0-1.0')	87	86
880-61272-7	BH-2 (2.0')	87	89
880-61272-8	BH-2 (3.0')	90	89
880-61272-9	BH-2 (4.0')	85	83
880-61272-10	BH-2 (5.0')	87	85
880-61272-11	BH-3 (0-1.0')	88	87
880-61272-12	BH-3 (2.0')	91	92
880-61272-13	BH-3 (3.0')	91	90
880-61272-14	BH-3 (4.0')	88	87
880-61272-15	BH-3 (5.0')	91	87
LCS 880-116155/2-A	Lab Control Sample	121	115

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Surrogate Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-116155/3-A	Lab Control Sample Dup	103	114
MB 880-116155/1-A	Method Blank	86	86
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116157/5-B

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116157

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/08/25 22:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	08/07/25 16:27	08/08/25 22:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/07/25 16:27	08/08/25 22:50	1

Lab Sample ID: LCS 880-116157/1-A

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1065		mg/Kg		106	70 - 130
Toluene	0.100	0.1004		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130
m,p-Xylenes	0.200	0.2208		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1106		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-116157/2-A

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1051		mg/Kg		105	70 - 130	1	35
Toluene	0.100	0.1001		mg/Kg		100	70 - 130	0	35
Ethylbenzene	0.100	0.1120		mg/Kg		112	70 - 130	0	35
m,p-Xylenes	0.200	0.2197		mg/Kg		110	70 - 130	0	35
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-61271-A-1-H MS

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.06052	F1	mg/Kg		61	70 - 130
Toluene	<0.00201	U F1	0.100	0.05067	F1	mg/Kg		51	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-A-1-H MS

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.100	0.04497	F1	mg/Kg		45	70 - 130
m,p-Xylenes	<0.00402	U F1	0.200	0.08773	F1	mg/Kg		44	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.04540	F1	mg/Kg		45	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-61271-A-1-I MSD

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.07442		mg/Kg		74	70 - 130	21	35
Toluene	<0.00201	U F1	0.100	0.05389	F1	mg/Kg		54	70 - 130	6	35
Ethylbenzene	<0.00201	U F1	0.100	0.04356	F1	mg/Kg		44	70 - 130	3	35
m,p-Xylenes	<0.00402	U F1	0.200	0.08590	F1	mg/Kg		43	70 - 130	2	35
o-Xylene	<0.00201	U F1	0.100	0.04434	F1	mg/Kg		44	70 - 130	2	35

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

Lab Sample ID: MB 880-116210/5-A

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/08/25 10:07	08/08/25 11:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/08/25 10:07	08/08/25 11:50	1

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

Lab Sample ID: MB 880-116155/1-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116155

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		08/07/25 16:11	08/11/25 20:41	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-116155/1-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116155

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:11	08/11/25 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:11	08/11/25 20:41	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	86		70 - 130				08/07/25 16:11	08/11/25 20:41	1
o-Terphenyl (Surr)	86		70 - 130				08/07/25 16:11	08/11/25 20:41	1

Lab Sample ID: LCS 880-116155/2-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	955.2		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	904.9		mg/Kg		90	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	121		70 - 130						
o-Terphenyl (Surr)	115		70 - 130						

Lab Sample ID: LCSD 880-116155/3-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1026		mg/Kg		103	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1005		mg/Kg		101	70 - 130	11	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	103		70 - 130						
o-Terphenyl (Surr)	114		70 - 130						

Lab Sample ID: 880-61271-A-1-B MS

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	870.2		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	91.7		997	950.3		mg/Kg		86	70 - 130		
Surrogate	MS	MS	Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	82		70 - 130								
o-Terphenyl (Surr)	89		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-A-1-C MSD

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	922.6		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	91.7		997	935.8		mg/Kg		85	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	100		70 - 130								
o-Terphenyl (Surr)	88		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116201/1-A

Matrix: Solid

Analysis Batch: 116227

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			08/08/25 19:36	1

Lab Sample ID: LCS 880-116201/2-A

Matrix: Solid

Analysis Batch: 116227

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.4		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-116201/3-A

Matrix: Solid

Analysis Batch: 116227

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	233.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-61272-7 MS

Matrix: Solid

Analysis Batch: 116227

Client Sample ID: BH-2 (2.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1450		249	1656	E 4	mg/Kg		84	90 - 110

Lab Sample ID: 880-61272-7 MSD

Matrix: Solid

Analysis Batch: 116227

Client Sample ID: BH-2 (2.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1450		249	1656	E 4	mg/Kg		84	90 - 110	0	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 116157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-61272-2	BH-1 (2.0')	Total/NA	Solid	5035	
880-61272-3	BH-1 (3.0')	Total/NA	Solid	5035	
880-61272-4	BH-1 (4.0')	Total/NA	Solid	5035	
880-61272-5	BH-1 (5.0')	Total/NA	Solid	5035	
880-61272-6	BH-2 (0-1.0')	Total/NA	Solid	5035	
880-61272-7	BH-2 (2.0')	Total/NA	Solid	5035	
880-61272-8	BH-2 (3.0')	Total/NA	Solid	5035	
880-61272-9	BH-2 (4.0')	Total/NA	Solid	5035	
880-61272-10	BH-2 (5.0')	Total/NA	Solid	5035	
880-61272-11	BH-3 (0-1.0')	Total/NA	Solid	5035	
880-61272-12	BH-3 (2.0')	Total/NA	Solid	5035	
880-61272-13	BH-3 (3.0')	Total/NA	Solid	5035	
880-61272-14	BH-3 (4.0')	Total/NA	Solid	5035	
880-61272-15	BH-3 (5.0')	Total/NA	Solid	5035	
MB 880-116157/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-116157/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116157/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61271-A-1-H MS	Matrix Spike	Total/NA	Solid	5035	
880-61271-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 116179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Total/NA	Solid	8021B	116157
880-61272-2	BH-1 (2.0')	Total/NA	Solid	8021B	116157
880-61272-3	BH-1 (3.0')	Total/NA	Solid	8021B	116157
880-61272-4	BH-1 (4.0')	Total/NA	Solid	8021B	116157
880-61272-5	BH-1 (5.0')	Total/NA	Solid	8021B	116157
880-61272-6	BH-2 (0-1.0')	Total/NA	Solid	8021B	116157
880-61272-7	BH-2 (2.0')	Total/NA	Solid	8021B	116157
880-61272-8	BH-2 (3.0')	Total/NA	Solid	8021B	116157
880-61272-9	BH-2 (4.0')	Total/NA	Solid	8021B	116157
880-61272-10	BH-2 (5.0')	Total/NA	Solid	8021B	116157
880-61272-11	BH-3 (0-1.0')	Total/NA	Solid	8021B	116157
880-61272-12	BH-3 (2.0')	Total/NA	Solid	8021B	116157
880-61272-13	BH-3 (3.0')	Total/NA	Solid	8021B	116157
880-61272-14	BH-3 (4.0')	Total/NA	Solid	8021B	116157
880-61272-15	BH-3 (5.0')	Total/NA	Solid	8021B	116157
MB 880-116157/5-B	Method Blank	Total/NA	Solid	8021B	116157
MB 880-116210/5-A	Method Blank	Total/NA	Solid	8021B	116210
LCS 880-116157/1-A	Lab Control Sample	Total/NA	Solid	8021B	116157
LCSD 880-116157/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116157
880-61271-A-1-H MS	Matrix Spike	Total/NA	Solid	8021B	116157
880-61271-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	116157

Prep Batch: 116210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116210/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 116348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-61272-2	BH-1 (2.0')	Total/NA	Solid	Total BTEX	
880-61272-3	BH-1 (3.0')	Total/NA	Solid	Total BTEX	
880-61272-4	BH-1 (4.0')	Total/NA	Solid	Total BTEX	
880-61272-5	BH-1 (5.0')	Total/NA	Solid	Total BTEX	
880-61272-6	BH-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-61272-7	BH-2 (2.0')	Total/NA	Solid	Total BTEX	
880-61272-8	BH-2 (3.0')	Total/NA	Solid	Total BTEX	
880-61272-9	BH-2 (4.0')	Total/NA	Solid	Total BTEX	
880-61272-10	BH-2 (5.0')	Total/NA	Solid	Total BTEX	
880-61272-11	BH-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-61272-12	BH-3 (2.0')	Total/NA	Solid	Total BTEX	
880-61272-13	BH-3 (3.0')	Total/NA	Solid	Total BTEX	
880-61272-14	BH-3 (4.0')	Total/NA	Solid	Total BTEX	
880-61272-15	BH-3 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-61272-2	BH-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-61272-3	BH-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-61272-4	BH-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-61272-5	BH-1 (5.0')	Total/NA	Solid	8015NM Prep	
880-61272-6	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-61272-7	BH-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-61272-8	BH-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-61272-9	BH-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-61272-10	BH-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-61272-11	BH-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-61272-12	BH-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-61272-13	BH-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-61272-14	BH-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-61272-15	BH-3 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-116155/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116155/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116155/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61271-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-61271-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Total/NA	Solid	8015B NM	116155
880-61272-2	BH-1 (2.0')	Total/NA	Solid	8015B NM	116155
880-61272-3	BH-1 (3.0')	Total/NA	Solid	8015B NM	116155
880-61272-4	BH-1 (4.0')	Total/NA	Solid	8015B NM	116155
880-61272-5	BH-1 (5.0')	Total/NA	Solid	8015B NM	116155
880-61272-6	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	116155
880-61272-7	BH-2 (2.0')	Total/NA	Solid	8015B NM	116155
880-61272-8	BH-2 (3.0')	Total/NA	Solid	8015B NM	116155

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 116383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-9	BH-2 (4.0')	Total/NA	Solid	8015B NM	116155
880-61272-10	BH-2 (5.0')	Total/NA	Solid	8015B NM	116155
880-61272-11	BH-3 (0-1.0')	Total/NA	Solid	8015B NM	116155
880-61272-12	BH-3 (2.0')	Total/NA	Solid	8015B NM	116155
880-61272-13	BH-3 (3.0')	Total/NA	Solid	8015B NM	116155
880-61272-14	BH-3 (4.0')	Total/NA	Solid	8015B NM	116155
880-61272-15	BH-3 (5.0')	Total/NA	Solid	8015B NM	116155
MB 880-116155/1-A	Method Blank	Total/NA	Solid	8015B NM	116155
LCS 880-116155/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116155
LCSD 880-116155/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116155
880-61271-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	116155
880-61271-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	116155

Analysis Batch: 116465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-61272-2	BH-1 (2.0')	Total/NA	Solid	8015 NM	
880-61272-3	BH-1 (3.0')	Total/NA	Solid	8015 NM	
880-61272-4	BH-1 (4.0')	Total/NA	Solid	8015 NM	
880-61272-5	BH-1 (5.0')	Total/NA	Solid	8015 NM	
880-61272-6	BH-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-61272-7	BH-2 (2.0')	Total/NA	Solid	8015 NM	
880-61272-8	BH-2 (3.0')	Total/NA	Solid	8015 NM	
880-61272-9	BH-2 (4.0')	Total/NA	Solid	8015 NM	
880-61272-10	BH-2 (5.0')	Total/NA	Solid	8015 NM	
880-61272-11	BH-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-61272-12	BH-3 (2.0')	Total/NA	Solid	8015 NM	
880-61272-13	BH-3 (3.0')	Total/NA	Solid	8015 NM	
880-61272-14	BH-3 (4.0')	Total/NA	Solid	8015 NM	
880-61272-15	BH-3 (5.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-61272-2	BH-1 (2.0')	Soluble	Solid	DI Leach	
880-61272-3	BH-1 (3.0')	Soluble	Solid	DI Leach	
880-61272-4	BH-1 (4.0')	Soluble	Solid	DI Leach	
880-61272-5	BH-1 (5.0')	Soluble	Solid	DI Leach	
880-61272-6	BH-2 (0-1.0')	Soluble	Solid	DI Leach	
880-61272-7	BH-2 (2.0')	Soluble	Solid	DI Leach	
880-61272-8	BH-2 (3.0')	Soluble	Solid	DI Leach	
880-61272-9	BH-2 (4.0')	Soluble	Solid	DI Leach	
880-61272-10	BH-2 (5.0')	Soluble	Solid	DI Leach	
880-61272-11	BH-3 (0-1.0')	Soluble	Solid	DI Leach	
880-61272-12	BH-3 (2.0')	Soluble	Solid	DI Leach	
880-61272-13	BH-3 (3.0')	Soluble	Solid	DI Leach	
880-61272-14	BH-3 (4.0')	Soluble	Solid	DI Leach	
880-61272-15	BH-3 (5.0')	Soluble	Solid	DI Leach	
MB 880-116201/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 116201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-116201/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116201/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61272-7 MS	BH-2 (2.0')	Soluble	Solid	DI Leach	
880-61272-7 MSD	BH-2 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 116227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61272-1	BH-1 (0-1.0')	Soluble	Solid	300.0	116201
880-61272-2	BH-1 (2.0')	Soluble	Solid	300.0	116201
880-61272-3	BH-1 (3.0')	Soluble	Solid	300.0	116201
880-61272-4	BH-1 (4.0')	Soluble	Solid	300.0	116201
880-61272-5	BH-1 (5.0')	Soluble	Solid	300.0	116201
880-61272-6	BH-2 (0-1.0')	Soluble	Solid	300.0	116201
880-61272-7	BH-2 (2.0')	Soluble	Solid	300.0	116201
880-61272-8	BH-2 (3.0')	Soluble	Solid	300.0	116201
880-61272-9	BH-2 (4.0')	Soluble	Solid	300.0	116201
880-61272-10	BH-2 (5.0')	Soluble	Solid	300.0	116201
880-61272-11	BH-3 (0-1.0')	Soluble	Solid	300.0	116201
880-61272-12	BH-3 (2.0')	Soluble	Solid	300.0	116201
880-61272-13	BH-3 (3.0')	Soluble	Solid	300.0	116201
880-61272-14	BH-3 (4.0')	Soluble	Solid	300.0	116201
880-61272-15	BH-3 (5.0')	Soluble	Solid	300.0	116201
MB 880-116201/1-A	Method Blank	Soluble	Solid	300.0	116201
LCS 880-116201/2-A	Lab Control Sample	Soluble	Solid	300.0	116201
LCSD 880-116201/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116201
880-61272-7 MS	BH-2 (2.0')	Soluble	Solid	300.0	116201
880-61272-7 MSD	BH-2 (2.0')	Soluble	Solid	300.0	116201

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-1 (0-1.0')

Lab Sample ID: 880-61272-1

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 00:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 00:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/11/25 23:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 23:20	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		20			116227	08/08/25 20:27	CS	EET MID

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-61272-2

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 00:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 00:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/11/25 23:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 23:35	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 20:44	CS	EET MID

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-61272-3

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 01:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 01:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/11/25 23:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 23:51	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 20:50	CS	EET MID

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-61272-4

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 01:35	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-61272-4

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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			116465	08/12/25 00:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 00:07	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 20:55	CS	EET MID

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-61272-5

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 01:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 01:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 00:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 00:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 21:01	CS	EET MID

Client Sample ID: BH-2 (0-1.0')

Lab Sample ID: 880-61272-6

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 02:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 02:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 00:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 00:39	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		10			116227	08/08/25 21:07	CS	EET MID

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-61272-7

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 03:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 01:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 01:10	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-2 (2.0')

Date Collected: 08/07/25 00:00

Date Received: 08/07/25 15:44

Lab Sample ID: 880-61272-7

Matrix: Solid

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	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 21:12	CS	EET MID

Client Sample ID: BH-2 (3.0')

Date Collected: 08/07/25 00:00

Date Received: 08/07/25 15:44

Lab Sample ID: 880-61272-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 04:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 01:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 01:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 21:29	CS	EET MID

Client Sample ID: BH-2 (4.0')

Date Collected: 08/07/25 00:00

Date Received: 08/07/25 15:44

Lab Sample ID: 880-61272-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 04:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 01:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 01:42	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 21:35	CS	EET MID

Client Sample ID: BH-2 (5.0')

Date Collected: 08/07/25 00:00

Date Received: 08/07/25 15:44

Lab Sample ID: 880-61272-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 04:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 04:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 01:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 01:58	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 21:52	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-3 (0-1.0')**Lab Sample ID: 880-61272-11****Date Collected: 08/07/25 00:00****Matrix: Solid****Date Received: 08/07/25 15:44**

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 05:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 05:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 02:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 02:13	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		10			116227	08/08/25 21:58	CS	EET MID

Client Sample ID: BH-3 (2.0')**Lab Sample ID: 880-61272-12****Date Collected: 08/07/25 00:00****Matrix: Solid****Date Received: 08/07/25 15:44**

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 05:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 05:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 02:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 02:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		5			116227	08/08/25 22:03	CS	EET MID

Client Sample ID: BH-3 (3.0')**Lab Sample ID: 880-61272-13****Date Collected: 08/07/25 00:00****Matrix: Solid****Date Received: 08/07/25 15:44**

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 05:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 02:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 02:45	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		5			116227	08/08/25 22:09	CS	EET MID

Client Sample ID: BH-3 (4.0')**Lab Sample ID: 880-61272-14****Date Collected: 08/07/25 00:00****Matrix: Solid****Date Received: 08/07/25 15:44**

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 06:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 06:13	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Client Sample ID: BH-3 (4.0')

Lab Sample ID: 880-61272-14

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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			116465	08/12/25 03:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 03:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 22:15	CS	EET MID

Client Sample ID: BH-3 (5.0')

Lab Sample ID: 880-61272-15

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 06:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116348	08/09/25 06:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			116465	08/12/25 03:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/12/25 03:16	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 22:20	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
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: Eagle #1 CTB (07.22.2025)

Job ID: 880-61272-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61272-1	BH-1 (0-1.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-2	BH-1 (2.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-3	BH-1 (3.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-4	BH-1 (4.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-5	BH-1 (5.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-6	BH-2 (0-1.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-7	BH-2 (2.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-8	BH-2 (3.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-9	BH-2 (4.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-10	BH-2 (5.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-11	BH-3 (0-1.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-12	BH-3 (2.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-13	BH-3 (3.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-14	BH-3 (4.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61272-15	BH-3 (5.0')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico

Chain of Custody



880-61272 Chain of Custody

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:		Eagle #1 CTB (07.22.2025)		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:		2810		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		72 Hours													
Project Location		Lea County, New Mexico		Due Date:															
Sampler's Name:		GPJ																	
PO #:																			
SAMPLE RECEIPT		Temp-Blank:		Yes No		Wet Ice:		Yes No											
Received Intact:		Yes No		Thermometer ID:															
Cooler Custody Seals:		Yes No		Correction Factor:															
Sample Custody Seals:		Yes No		Temperature Reading:															
Total Containers:				Corrected Temperature:															
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont							
BH-1 (0-1.0')		8/7/2025				X				G		1		X					
BH-1 (2.0')		8/7/2025				X				G		1		X					
BH-1 (3.0')		8/7/2025				X				G		1		X					
BH-1 (4.0')		8/7/2025				X				G		1		X					
BH-1 (5.0')		8/7/2025				X				G		1		X					
BH-2 (0-1.0')		8/7/2025				X				G		1		X					
BH-2 (2.0')		8/7/2025				X				G		1		X					
BH-2 (3.0')		8/7/2025				X				G		1		X					
BH-2 (4.0')		8/7/2025				X				G		1		X					
BH-2 (5.0')		8/7/2025				X				G		1		X					

Comments:

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

8/12/2025

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Chain of Custody

Work Order No:

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St.
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com


Project Name:	Eagle #1 CTB (07.22.2025)		Turn Around		Pres. Code		ANALYSIS REC'D	
Project Number:	2810		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush				
Project Location	Lea County, New Mexico		Due Date:		72 Hours			
Sampler's Name:	GPJ							
PO #:								
SAMPLE RECEIPT								
Received Intact:	Temp Blank:		Yes	No	Wet Ice:	Yes	No	
			Yes	No	Thermometer ID:			
Cooler Custody Seals:	Yes		No	N/A	Correction Factor:			
	Yes		No	N/A	Temperature Reading:			
Sample Custody Seals:	Yes		No	N/A	Corrected Temperature:			
Total Containers:								

[illegible][illegible]

Relinquished by: (Signature)	Date/Time	Ref
		

Work Order Comments	
Program: <input type="checkbox"/> UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> rownfields <input type="checkbox"/> RC <input type="checkbox"/> perfund	
State of Project:	
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

[illegible][illegible]

Date/Time 7/25/14	signed by: (Signature) 
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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61272-1
SDG Number: Lea County, New Mexico

Login Number: 61272

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/12/2025 10:28:40 AM

JOB DESCRIPTION

Eagle #1 CTB (07.22.2025)
Lea County, New Mexico

JOB NUMBER

880-61271-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/12/2025 10:28:40 AM

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

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Laboratory Job ID: 880-61271-1
SDG: Lea County, New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Carmona Resources
Project: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1

Job ID: 880-61271-1

Eurofins Midland

Job Narrative 880-61271-1

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 8/7/2025 3:44 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 4.8°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-61271-1), H-2 (0-0.5') (880-61271-2), H-3 (0-0.5') (880-61271-3) and H-4 (0-0.5') (880-61271-4).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-116157 and analytical batch 880-116179 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-1

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		08/07/25 16:27	08/08/25 23:11	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		08/07/25 16:27	08/08/25 23:11	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		08/07/25 16:27	08/08/25 23:11	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		08/07/25 16:27	08/08/25 23:11	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		08/07/25 16:27	08/08/25 23:11	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		08/07/25 16:27	08/08/25 23:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/07/25 16:27	08/08/25 23:11	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/07/25 16:27	08/08/25 23:11	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			08/08/25 23:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	91.7		50.0		mg/Kg			08/11/25 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 21:44	1
Diesel Range Organics (Over C10-C28)	91.7		50.0		mg/Kg		08/07/25 16:12	08/11/25 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	08/07/25 16:12	08/11/25 21:44	1
o-Terphenyl (Surr)	87		70 - 130	08/07/25 16:12	08/11/25 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.9		9.98		mg/Kg			08/08/25 19:53	1

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

Lab Sample ID: 880-61271-2

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/08/25 23:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/08/25 23:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/08/25 23:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/07/25 16:27	08/08/25 23:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/07/25 16:27	08/08/25 23:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/07/25 16:27	08/08/25 23:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/07/25 16:27	08/08/25 23:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/07/25 16:27	08/08/25 23:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-2

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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			08/08/25 23:32	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			08/11/25 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 22:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 22:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:12	08/11/25 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				08/07/25 16:12	08/11/25 22:31	1
o-Terphenyl (Surr)	83		70 - 130				08/07/25 16:12	08/11/25 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		9.94		mg/Kg			08/08/25 20:10	1

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

Lab Sample ID: 880-61271-3

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/08/25 23:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/08/25 23:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/08/25 23:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/08/25 23:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/07/25 16:27	08/08/25 23:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/07/25 16:27	08/08/25 23:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				08/07/25 16:27	08/08/25 23:52	1
1,4-Difluorobenzene (Surr)	102		70 - 130				08/07/25 16:27	08/08/25 23:52	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			08/08/25 23:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	109		50.0		mg/Kg			08/11/25 22:47	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		08/07/25 16:12	08/11/25 22:47	1
Diesel Range Organics (Over C10-C28)	109		50.0		mg/Kg		08/07/25 16:12	08/11/25 22:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-3

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:12	08/11/25 22:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				08/07/25 16:12	08/11/25 22:47	1
o-Terphenyl (Surr)	89		70 - 130				08/07/25 16:12	08/11/25 22:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		9.96		mg/Kg			08/08/25 20:16	1

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

Lab Sample ID: 880-61271-4

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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		08/07/25 16:27	08/09/25 00:13	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 00:13	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 00:13	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/07/25 16:27	08/09/25 00:13	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/07/25 16:27	08/09/25 00:13	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/07/25 16:27	08/09/25 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				08/07/25 16:27	08/09/25 00:13	1
1,4-Difluorobenzene (Surr)	99		70 - 130				08/07/25 16:27	08/09/25 00:13	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			08/09/25 00:13	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			08/11/25 23:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/11/25 23:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/11/25 23:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/07/25 16:12	08/11/25 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				08/07/25 16:12	08/11/25 23:03	1
o-Terphenyl (Surr)	85		70 - 130				08/07/25 16:12	08/11/25 23:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.1		10.0		mg/Kg			08/08/25 20:21	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-61271-1	H-1 (0-0.5')	108	90
880-61271-1 MS	H-1 (0-0.5')	86	123
880-61271-1 MSD	H-1 (0-0.5')	105	97
880-61271-2	H-2 (0-0.5')	104	100
880-61271-3	H-3 (0-0.5')	103	102
880-61271-4	H-4 (0-0.5')	104	99
LCS 880-116157/1-A	Lab Control Sample	106	100
LCSD 880-116157/2-A	Lab Control Sample Dup	104	97
MB 880-116157/5-B	Method Blank	101	89
MB 880-116210/5-A	Method Blank	102	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)
880-61271-1	H-1 (0-0.5')	89	87
880-61271-1 MS	H-1 (0-0.5')	82	89
880-61271-1 MSD	H-1 (0-0.5')	100	88
880-61271-2	H-2 (0-0.5')	87	83
880-61271-3	H-3 (0-0.5')	89	89
880-61271-4	H-4 (0-0.5')	89	85
LCS 880-116155/2-A	Lab Control Sample	121	115
LCSD 880-116155/3-A	Lab Control Sample Dup	103	114
MB 880-116155/1-A	Method Blank	86	86
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

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QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-116157/5-B

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116157

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/07/25 16:27	08/08/25 22:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/07/25 16:27	08/08/25 22:50	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130	08/07/25 16:27	08/08/25 22:50	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/07/25 16:27	08/08/25 22:50	1

Lab Sample ID: LCS 880-116157/1-A

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1065		mg/Kg		106	70 - 130
Toluene	0.100	0.1004		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.1124		mg/Kg		112	70 - 130
m,p-Xylenes	0.200	0.2208		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1106		mg/Kg		111	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-116157/2-A

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1051		mg/Kg		105	70 - 130	1	35
Toluene	0.100	0.1001		mg/Kg		100	70 - 130	0	35
Ethylbenzene	0.100	0.1120		mg/Kg		112	70 - 130	0	35
m,p-Xylenes	0.200	0.2197		mg/Kg		110	70 - 130	0	35
o-Xylene	0.100	0.1096		mg/Kg		110	70 - 130	1	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-61271-1 MS

Matrix: Solid

Analysis Batch: 116179

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

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Sample Sample		Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00201	U F1	0.100	0.06052	F1	mg/Kg		61	70 - 130
Toluene	<0.00201	U F1	0.100	0.05067	F1	mg/Kg		51	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-1 MS

Matrix: Solid

Analysis Batch: 116179

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

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F1	0.100	0.04497	F1	mg/Kg		45	70 - 130
m,p-Xylenes	<0.00402	U F1	0.200	0.08773	F1	mg/Kg		44	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.04540	F1	mg/Kg		45	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-61271-1 MSD

Matrix: Solid

Analysis Batch: 116179

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

Prep Type: Total/NA

Prep Batch: 116157

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.07442		mg/Kg		74	70 - 130	21	35
Toluene	<0.00201	U F1	0.100	0.05389	F1	mg/Kg		54	70 - 130	6	35
Ethylbenzene	<0.00201	U F1	0.100	0.04356	F1	mg/Kg		44	70 - 130	3	35
m,p-Xylenes	<0.00402	U F1	0.200	0.08590	F1	mg/Kg		43	70 - 130	2	35
o-Xylene	<0.00201	U F1	0.100	0.04434	F1	mg/Kg		44	70 - 130	2	35

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

Lab Sample ID: MB 880-116210/5-A

Matrix: Solid

Analysis Batch: 116179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/08/25 10:07	08/08/25 11:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/08/25 10:07	08/08/25 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/08/25 10:07	08/08/25 11:50	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/08/25 10:07	08/08/25 11:50	1

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

Lab Sample ID: MB 880-116155/1-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116155

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		08/07/25 16:11	08/11/25 20:41	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: MB 880-116155/1-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 116155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/07/25 16:11	08/11/25 20:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/07/25 16:11	08/11/25 20:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				08/07/25 16:11	08/11/25 20:41	1
o-Terphenyl (Surr)	86		70 - 130				08/07/25 16:11	08/11/25 20:41	1

Lab Sample ID: LCS 880-116155/2-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	955.2		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	904.9		mg/Kg		90	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	121		70 - 130				
o-Terphenyl (Surr)	115		70 - 130				

Lab Sample ID: LCSD 880-116155/3-A

Matrix: Solid

Analysis Batch: 116383

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1026		mg/Kg		103	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1005		mg/Kg		101	70 - 130	11	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	103		70 - 130						
o-Terphenyl (Surr)	114		70 - 130						

Lab Sample ID: 880-61271-1 MS

Matrix: Solid

Analysis Batch: 116383

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

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	870.2		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	91.7		997	950.3		mg/Kg		86	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	82		70 - 130						
o-Terphenyl (Surr)	89		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-1 MSD

Matrix: Solid

Analysis Batch: 116383

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

Prep Type: Total/NA

Prep Batch: 116155

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	922.6		mg/Kg		93	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	91.7		997	935.8		mg/Kg		85	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	100		70 - 130								
o-Terphenyl (Surr)	88		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-116201/1-A

Matrix: Solid

Analysis Batch: 116227

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			08/08/25 19:36	1

Lab Sample ID: LCS 880-116201/2-A

Matrix: Solid

Analysis Batch: 116227

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.4		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-116201/3-A

Matrix: Solid

Analysis Batch: 116227

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	233.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-61271-1 MS

Matrix: Solid

Analysis Batch: 116227

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	20.9		250	269.0		mg/Kg		99	90 - 110

Lab Sample ID: 880-61271-1 MSD

Matrix: Solid

Analysis Batch: 116227

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	20.9		250	269.5		mg/Kg		100	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

GC VOA

Prep Batch: 116157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-61271-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-61271-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-61271-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-116157/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-116157/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-116157/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61271-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-61271-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 116179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Total/NA	Solid	8021B	116157
880-61271-2	H-2 (0-0.5')	Total/NA	Solid	8021B	116157
880-61271-3	H-3 (0-0.5')	Total/NA	Solid	8021B	116157
880-61271-4	H-4 (0-0.5')	Total/NA	Solid	8021B	116157
MB 880-116157/5-B	Method Blank	Total/NA	Solid	8021B	116157
MB 880-116210/5-A	Method Blank	Total/NA	Solid	8021B	116210
LCS 880-116157/1-A	Lab Control Sample	Total/NA	Solid	8021B	116157
LCSD 880-116157/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	116157
880-61271-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	116157
880-61271-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	116157

Prep Batch: 116210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-116210/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 116347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-61271-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-61271-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-61271-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 116155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61271-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61271-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61271-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-116155/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-116155/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-116155/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-61271-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61271-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 116383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	116155

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 116383 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	116155
880-61271-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	116155
880-61271-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	116155
MB 880-116155/1-A	Method Blank	Total/NA	Solid	8015B NM	116155
LCS 880-116155/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	116155
LCSD 880-116155/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	116155
880-61271-1 MS	H-1 (0-0.5')	Total/NA	Solid	8015B NM	116155
880-61271-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8015B NM	116155

Analysis Batch: 116464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-61271-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-61271-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-61271-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 116201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-61271-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-61271-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-61271-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-116201/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-116201/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-116201/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61271-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-61271-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 116227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61271-1	H-1 (0-0.5')	Soluble	Solid	300.0	116201
880-61271-2	H-2 (0-0.5')	Soluble	Solid	300.0	116201
880-61271-3	H-3 (0-0.5')	Soluble	Solid	300.0	116201
880-61271-4	H-4 (0-0.5')	Soluble	Solid	300.0	116201
MB 880-116201/1-A	Method Blank	Soluble	Solid	300.0	116201
LCS 880-116201/2-A	Lab Control Sample	Soluble	Solid	300.0	116201
LCSD 880-116201/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	116201
880-61271-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	116201
880-61271-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	116201

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-61271-1

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 23:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116347	08/08/25 23:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			116464	08/11/25 21:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 21:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 19:53	CS	EET MID

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

Lab Sample ID: 880-61271-2

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 23:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116347	08/08/25 23:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			116464	08/11/25 22:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 22:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 20:10	CS	EET MID

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

Lab Sample ID: 880-61271-3

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/08/25 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116347	08/08/25 23:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			116464	08/11/25 22:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 22:47	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 20:16	CS	EET MID

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

Lab Sample ID: 880-61271-4

Date Collected: 08/07/25 00:00

Matrix: Solid

Date Received: 08/07/25 15:44

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	116157	08/07/25 16:27	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	116179	08/09/25 00:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			116347	08/09/25 00:13	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

Client Sample ID: H-4 (0-0.5')
Date Collected: 08/07/25 00:00
Date Received: 08/07/25 15:44

Lab Sample ID: 880-61271-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			116464	08/11/25 23:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	116155	08/07/25 16:12	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	116383	08/11/25 23:03	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	116201	08/08/25 09:27	SMC	EET MID
Soluble	Analysis	300.0		1			116227	08/08/25 20:21	CS	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
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: Eagle #1 CTB (07.22.2025)

Job ID: 880-61271-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61271-1	H-1 (0-0.5')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61271-2	H-2 (0-0.5')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61271-3	H-3 (0-0.5')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico
880-61271-4	H-4 (0-0.5')	Solid	08/07/25 00:00	08/07/25 15:44	New Mexico

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Chain of Custody





880-61271 Chain of Custody

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	310 W Wall St Ste 500	Address:	104 S Pecos St
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

[illegible]**Comments:**

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			8/7/25 BSH

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61271-1
SDG Number: Lea County, New Mexico

Login Number: 61271

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 28, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: EAGLE #1 CTB (07.22.2025)

Enclosed are the results of analyses for samples received by the laboratory on 08/27/25 16:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 1 (3.5') (H255342-01)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2	
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65	
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33	
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59	
Total BTX	<0.300	0.300	08/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 73.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 66.5 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 2 (3.5') (H255342-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2	
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65	
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33	
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59	
Total BTEX	<0.300	0.300	08/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 3 (3.5') (H255342-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 63.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 61.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 4 (3.5') (H255342-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.7 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 5 (3.5') (H255342-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.8 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 1 (3.5') (H255342-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2	
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65	
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33	
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59	
Total BTEX	<0.300	0.300	08/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/28/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 83.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.0 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 2 (3.5') (H255342-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEx	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 84.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 79.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 3 (3.5') (H255342-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.6 % 40.6-153

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 MIDLAND TX, 79701
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Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 4 (3.5') (H255342-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/28/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 80.3 % 40.6-153

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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 5 (3.5') (H255342-10)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.4 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 6 (3.5') (H255342-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 75.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 7 (3.5') (H255342-12)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEX	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.1 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 8 (3.5') (H255342-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2		
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65		
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33		
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59		
Total BTEx	<0.300	0.300	08/28/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 74.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.3 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: HA55342

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Noah Tinker
Company Name:	Carmona Resources	Company Name:	BTA Oil Producers, LLC
Address:	110 W Wall St Ste 500	Address:	104 S Pecos St
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	ntinker@btaoil.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Eagle #1 CTB (07.22.2025)	Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	2810	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush													None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:	24 Hour													Cool: Cool	MeOH: Me	
Sampler's Name:	RP															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											Hold			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:													H ₃ PO ₄ : HP			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:													NaHSO ₄ : NABIS			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:													Na ₂ S ₂ O ₃ : NaSO ₃			
Total Containers:		Corrected Temperature:													Zn Acetate+NaOH: Zn			
															NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-1 (3.5')	8/27/2025		X		Comp	1	X	X	X								- 3M + 5L	
CS-2 (3.5')	8/27/2025		X		Comp	1	X	X	X									
CS-3 (3.5')	8/27/2025		X		Comp	1	X	X	X									
CS-4 (3.5')	8/27/2025		X		Comp	1	X	X	X									
CS-5 (3.5')	8/27/2025		X		Comp	1	X	X	X									
SW-1 (3.5')	8/27/2025		X		Comp	1	X	X	X									
SW-2 (3.5')	8/27/2025		X		Comp	1	X	X	X									
SW-3 (3.5')	8/27/2025		X		Comp	1	X	X	X									
SW-4 (3.5')	8/27/2025		X		Comp	1	X	X	X									
SW-5 (3.5')	8/27/2025		X		Comp	1	X	X	X								10	

Comments:

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

Work Order No: 185342

Released to Imaging: 9/16/2025 3:23:04 PM



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 28, 2025

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: EAGLE #1 CTB (07.22.2025)

Enclosed are the results of analyses for samples received by the laboratory on 08/27/25 16:49.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 ASHTON THIELKE
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received: 08/27/2025
 Reported: 08/28/2025
 Project Name: EAGLE #1 CTB (07.22.2025)
 Project Number: 2810
 Project Location: BTA - LEA COUNTY, NEW MEXICO

Sampling Date: 08/27/2025
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: BACKFILL SAMPLE (H255343-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2025	ND	1.80	89.8	2.00	11.2	
Toluene*	<0.050	0.050	08/28/2025	ND	1.87	93.5	2.00	8.65	
Ethylbenzene*	<0.050	0.050	08/28/2025	ND	1.88	93.8	2.00	6.33	
Total Xylenes*	<0.150	0.150	08/28/2025	ND	5.56	92.6	6.00	6.59	
Total BTEX	<0.300	0.300	08/28/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/28/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2025	ND	214	107	200	0.403	
DRO >C10-C28*	<10.0	10.0	08/28/2025	ND	219	109	200	0.969	
EXT DRO >C28-C36	<10.0	10.0	08/28/2025	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 73.2 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

Work Order No:

112553B

Page 1 of 1

Page 4 of 4

Released to Imaging: 9/16/2025 3:23:04 PM

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 505123

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2520429493
Incident Name	NAPP2520429493 EAGLE #1 CTB @ FAPP2201826250
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2201826250] Eagle

Location of Release Source*Please answer all the questions in this group.*

Site Name	EAGLE #1 CTB
Date Release Discovered	07/22/2025
Surface Owner	State

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 Water Tank Produced Water Released: 33 BBL Recovered: 0 BBL Lost: 33 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)	Pin hole on water load line causing a spill onto the ground. 33 bbl PW released into earth berm containment.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 505123

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Susan Miller Title: Production Analyst Email: Smiller@btaoil.com Date: 09/11/2025
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 3

Action 505123

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number:
	505123
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Site Characterization	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	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	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>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.</i>	
Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	16200
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	112
GRO+DRO (EPA SW-846 Method 8015M)	112
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	08/27/2025
On what date will (or did) the final sampling or liner inspection occur	08/27/2025
On what date will (or was) the remediation complete(d)	08/27/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	225
What is the estimated volume (in cubic yards) that will be remediated	60
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 505123

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>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.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(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	fEEM0112340644 R360 ARTESIA LLC LANDFARM
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.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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: Susan Miller Title: Production Analyst Email: Smiller@btaoil.com Date: 09/11/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 505123

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	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, Page 6

Action 505123

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	499028
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/29/2025
What was the (estimated) number of samples that were to be gathered	7
What was the sampling surface area in square feet	283

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	225
What was the total volume (cubic yards) remediated	60
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)	Area was hydro excavated and remediated based on initial site assessment results. Once composite confirmation sidewall and floor samples were received, the area was backfilled with clean material to surface grade.
<i>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>	
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: Susan Miller Title: Production Analyst Email: Smiller@btaoil.com Date: 09/11/2025

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QUESTIONS, Page 7

Action 505123

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	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

Action 505123

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 505123
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	9/16/2025
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	9/16/2025
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	9/16/2025
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	9/16/2025
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	9/16/2025
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	9/16/2025