



SITE INFORMATION

Closure Report
State JR #1 (08.21.2023)
Lea County, New Mexico
Unit P, Sec 11, T18S, R35E
32.755764°, -103.4209747°

Crude Oil Release
Incident ID: NAPP2323430246
Point of Release: Corrosion on Fire Tube
Release Date: 08.21.2023
Volume Released: 25 Barrels of Crude Oil
Volume Recovered: 10 Barrels of Crude Oil

CARMONA RESOURCES



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

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

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June 18, 2026

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

**Re: Closure Report
State JR #1 (08.21.2023)
Incident ID: NAPP2323430246
Coterra Energy Operating Co.
Site Location: Unit P, S11, T18S, R35E
(Lat 32.755764°, Long -103.4209747°)
Lea County, New Mexico**

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra) Carmona Resources LLC has prepared this letter to document site assessment and remediation activities for the State JR #1 (08.21.2023) release. The site is located at 32.755764°, -103.4209747° within Unit P, S11, T18S, R35E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

NAPP2323430246

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 21, 2023, due to fire tube developing a pinhole. The incident resulted in the release of approximately twenty-five (25) barrels of crude oil, with ten (10) barrels of crude oil recovered. The release area is approximately 1,740 sq ft. The spill boundaries are shown in Figure 3. The Notification of Release form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are two water sources located 0.02 miles northeast of the location and 0.34 miles southeast of the location, respectively. The nearest reported water well is located approximately 0.02 miles northeast of the site in S11, T18S, R35E and was drilled in 1985. The depth of the well is reported to be 48 feet below the ground surface (ft bgs). The well was confirmed to be capped during a site visit prior to remediation. A copy of the associated 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

On April 21, 2026, Carmona Resources personnel performed site assessment activities with the air rotary rig to vertically delineate the release area. A total of three (3) borehole samples (BH-1 through BH-3) were installed to total depths ranging from surface to 5.0 ft bgs to vertically delineate the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-

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



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 samples for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Remediation Activities

On June 11th and 12th, 2026, Carmona Resources personnel were onsite to guide the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on June 5, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area of BH-1 was excavated to a depth of 4.5 ft bgs. A total of six (6) confirmation floor samples (CS-1 through CS-6), and four (4) sidewall samples (SW-1 through SW-4) were collected every 200 square feet to ensure the proper removal of the contaminated soil. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0 and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figures 4A and 4B.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 1,140 square feet of contamination was remediated, resulting in 180 cubic yards of material excavated and transported offsite for proper disposal. A composite backfill sample was collected from 32.7821828°, -103.4220096° for laboratory analysis on June 17, 2026, before being utilized. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E. Refer to Table 2.

6.0 Conclusions

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

Sincerely,

Carmona Resources, LLC

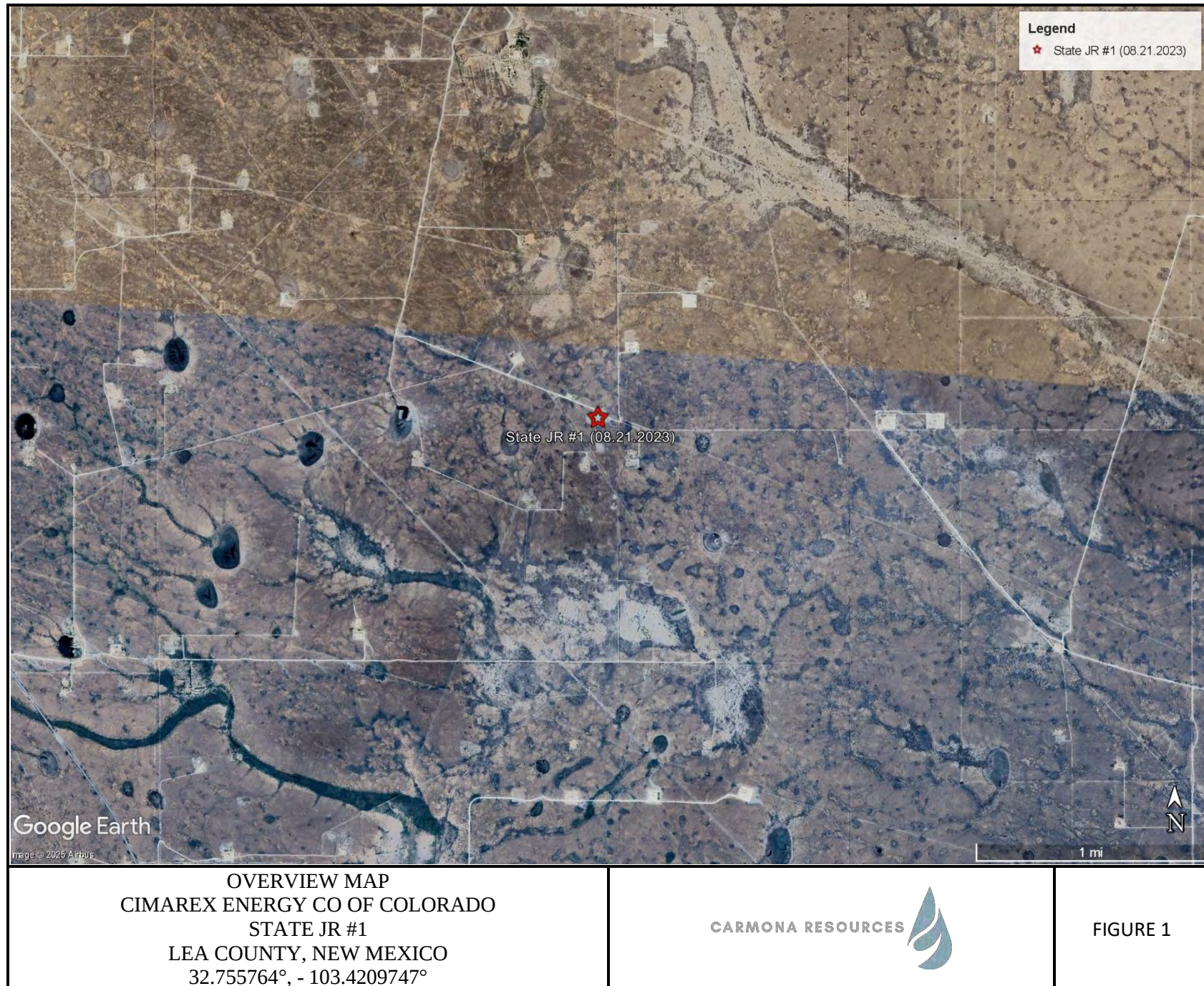
Ashton Thielke
Director of Operations

Gilbert Priego Jr
Project Manager

FIGURES

CARMONA RESOURCES







TOPOGRAPHIC MAP
 CIMAREX ENERGY CO OF COLORADO
 STATE JR #1
 LEA COUNTY, NEW MEXICO
 32.755764°, - 103.4209747°

CARMONA RESOURCES



FIGURE 2







APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
State JR #1 (08.21.2023)
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						
BH-1	4/21/2026	0-1.0'	<50.0	629	114	743	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	12.8
	"	2.0'	<50.1	2,400	124	2,520	<0.0201	<0.0201	<0.0201	<0.0402	<0.0402	<9.92
	"	3.0'	<50.0	314	65.8	380	<0.0202	<0.0202	<0.0202	<0.0404	<0.0404	<9.98
	"	4.0'	<49.7	129	140	269	<0.0199	<0.0199	<0.0199	<0.0398	<0.0398	<9.96
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0399	<0.0399	<9.92
BH-2	4/21/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.2
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.94
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	11.6
	"	4.0'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.96
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.90
BH-3	4/21/2026	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	11.9
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.2
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.96
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.92
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

(BH) - Borehole Sample

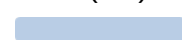
 Removed

Table 2
Coterra Energy Operating Co.
State JR #1 (08.21.2023)
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	6/12/2026	4.5'	<50.3	53.4	<50.3	53.4	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.3
CS-2	6/12/2026	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	17.0
CS-3	6/12/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.5
CS-4	6/12/2026	4.5'	<50.0	50.2	<50.0	50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	57.0
CS-5	6/12/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	34.3
CS-6	6/12/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	17.4
SW-1	6/12/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	17.9
SW-2	6/12/2026	4.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	28.2
SW-3	6/12/2026	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	19.9
SW-4	6/12/2026	4.5'	<50.0	63.4	<50.0	63.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	53.4
Backfill Sample	6/17/2026	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
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

Coterra Energy Operating Co.

Photograph No. 1

Facility: State JR #1 (08.21.2023)

County: Lea County, New Mexico

Description:

View Southeast, Area of CS-1 through CS-6. Topsoil under the caliche pad is a darker brown in the area.



Photograph No. 2

Facility: State JR #1 (08.21.2023)

County: Lea County, New Mexico

Description:

View East, Area of CS-1 through CS-6. Topsoil under the caliche pad is a darker brown in the area.



Photograph No. 3

Facility: State JR #1 (08.21.2023)

County: Lea County, New Mexico

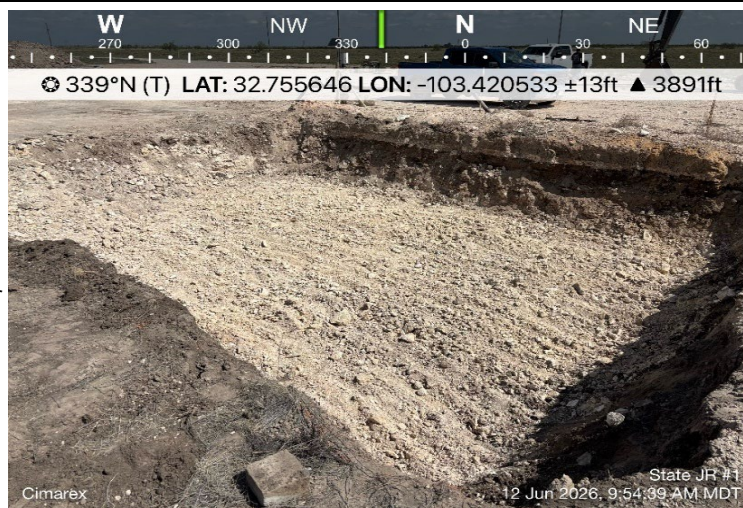
Description:

View Southeast, Area of CS-1 through CS-6. Topsoil under the caliche pad is a darker brown in the area.

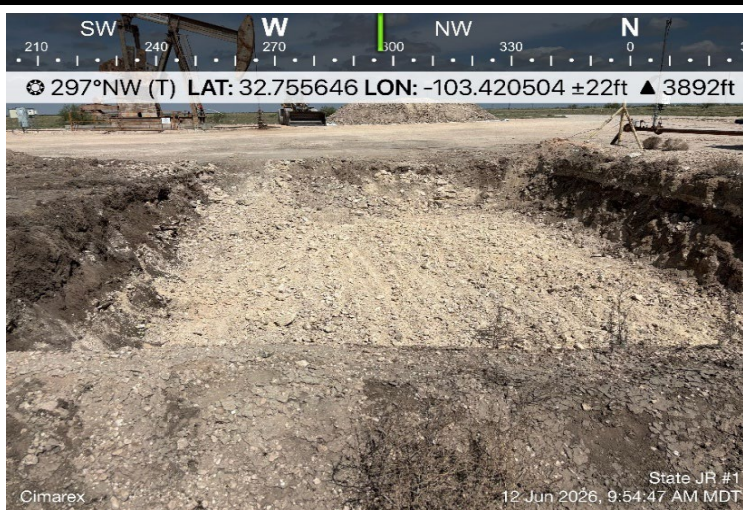


PHOTOGRAPHIC LOG**Coterra Energy Operating Co.****Photograph No. 4****Facility:** State JR #1 (08.21.2023)**County:** Lea County, New Mexico**Description:**

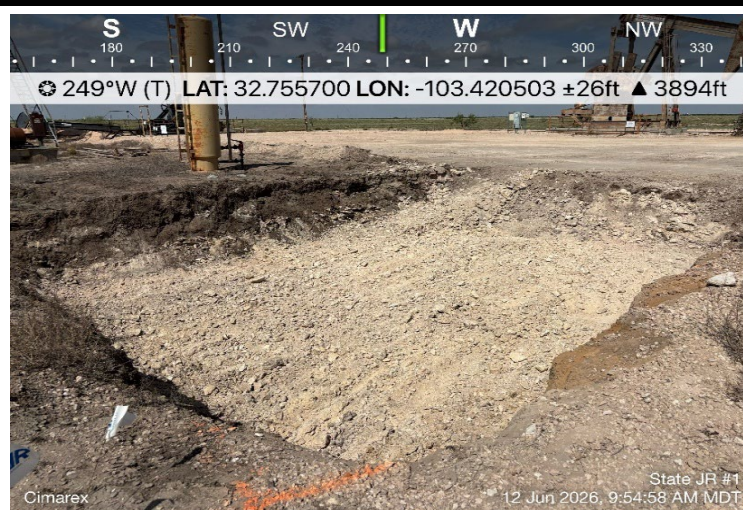
View North, Area of CS-1 through CS-6. Topsoil under the caliche pad is a darker brown in the area.

**Photograph No. 5****Facility:** State JR #1 (08.21.2023)**County:** Lea County, New Mexico**Description:**

View Northwest, Area of CS-1 through CS-6. Topsoil under the caliche pad is a darker brown in the area.

**Photograph No. 6****Facility:** State JR #1 (08.21.2023)**County:** Lea County, New Mexico**Description:**

View West, Area of CS-1 through CS-6. Topsoil under the caliche pad is a darker brown in the area.



APPENDIX C

CARMONA RESOURCES



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

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

QUESTIONS

Action 255230

QUESTIONS

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 255230
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Well - State JR #1
Date Release Discovered	08/21/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Producing Well Crude Oil Released: 25 BBL Recovered: 10 BBL Lost: 15 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of dissolved chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Where: State JR #1 When: Monday 8/21/23 (3pm) Est bbls: 25bbls oil Recovered: 10bbls Incident: While Operator was making his rounds, noticed oil coming from Horizon HT. Upon inspection, fire tube had developed a hole and was dripping on the ground (burner was not in service). Action: Well was shut in and isolated (single well battery) Cause: Corrosion

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QUESTIONS, Page 2

Action 255230

QUESTIONS (continued)

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 255230
	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 19.15.29.7(A) NMAC	Yes, major release.
Reasons why this would be considered a submission for a notification of a major release	Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, to whom	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, when	<i>Not answered.</i>
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	<i>Not answered.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

ACKNOWLEDGMENTS

Action 255230

ACKNOWLEDGMENTS

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 255230
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 255230

CONDITIONS

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 255230
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
roverbey	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/22/2023

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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 255580

CONDITIONS

Operator: Franklin Mountain Energy 3, LLC 44 Cook Street Denver, CO 80206	OGRID: 331595
	Action Number: 255580
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/22/2023

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 592509

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592509
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2323430246
Incident Name	NAPP2323430246 WELL - STATE JR #1 @ 30-025-29348
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-29348] STATE JR #001

Location of Release Source	
Site Name	WELL - STATE JR #1
Date Release Discovered	08/21/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/11/2026
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Remediation of historical spill onsite around equipment.
Please provide any information necessary for navigation to sampling site	32.755764,-103.4209747

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 592509

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592509
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/5/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 592512

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592512
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2323430246
Incident Name	NAPP2323430246 WELL - STATE JR #1 @ 30-025-29348
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-29348] STATE JR #001

Location of Release Source	
Site Name	WELL - STATE JR #1
Date Release Discovered	08/21/2023
Surface Owner	State

Sampling Event General Information	
Please answer all the questions in this group.	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	10
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Remediation of historical spill onsite around equipment.
Please provide any information necessary for navigation to sampling site	32.755764,-103.4209747

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 592512

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592512
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	6/5/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	6/5/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

Coterra Energy Operating Co.

Legend

 0.02 Miles

 0.34 Miles

 0.50 Mile Radius

 NMSEO Water Well

 STATE JR #1 (08.21.2023)



Low Karst

Coterra Energy Operating Co.

Legend

- Low
- STATE JR #1 (08.21.2023)

STATE JR #1 (08.21.2023)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are
smallest to
largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
L 09726		L	LE	SE	SE	SE	11	18S	35E	647953.0	3625318.0 *	●	35	135	48	87
L 09766		L	LE		NW	NW	13	18S	35E	648105.6	3624799.4	●	547	135	135	0
L 03221		L	LE		SE	NE	14	18S	35E	647868.0	3624613.0 *	●	702	100	90	10
L 09574		L	LE		SE	NE	14	18S	35E	647868.0	3624613.0 *	●	702	90		
L 02628		L	LE	NE	NE	SW	11	18S	35E	647141.0	3625912.0 *	●	980	112	40	72
L 00843 POD3		L	LE	NW	NW	SE	14	18S	35E	647391.0	3624350.0	●	1098	200		
L 00843 POD5		L	LE	SE	SW	SW	13	18S	35E	648311.0	3623631.0	●	1728	200		
L 00843 POD4		L	LE	SW	SW	SE	14	18S	35E	647353.0	3623626.0	●	1780	200		
L 02675		L	LE		SW	NE	15	18S	35E	645850.0	3624587.0 *	●	2192	197	47	150
L 08309		L	LE	NW	NE	NE	10	18S	35E	646122.0	3626711.0 *	●	2275	112	49	63
L 01533 S2		L	LE	NW	SE	NW	18	18S	36E	650163.0	3624741.0 *	●	2316	138	52	86
L 02520		L	LE		SE	NW	23	18S	35E	647088.0	3622989.0 *	●	2468	134	78	56
L 05385		L	LE				01	18S	35E	648832.0	3627639.0 *	●	2498	100		
L 02677		L	LE		SW	SE	15	18S	35E	645863.0	3623780.0 *	●	2564	194	54	140
L 01533		L	LE	NW	NW	SE	07	18S	36E	650444.3	3626033.8	●	2626	235	65	170
L 14712 POD1		L	LE	NW	SW	NE	02	18S	35E	647298.6	3627869.1	●	2629	190	60	130
L 01544		L	LE	NW	NW	SE	18	18S	36E	650468.7	3624426.5	●	2700	222	60	162
L 10294		L	LE		NE	SE	03	18S	35E	646209.0	3627419.0 *	●	2711	90	61	29
L 02503	R	L	LE	NE	SE	NW	02	18S	35E	647106.0	3627930.0 *	●	2739	100		
L 01533 S		L	LE	NW	NW	SE	18	18S	36E	650572.0	3624344.0 *	●	2825	140	52	88
L 05235		L	LE		NW	NE	02	18S	35E	647402.0	3628238.0 *	●	2969	114	54	60
L 04744		L	LE	NW	NE	NE	02	18S	35E	647704.0	3628341.0 *	●	3034	122	51	71
L 15333 POD1		L	LE	NW	NW	NE	02	18S	35E	647291.2	3628294.7	●	3045	211	61	150
L 02347		L	LE	SW	SW	SW	10	18S	35E	644867.1	3625226.3	●	3052	230	98	132
L 02679 POD2		L	LE		SW	NE	22	18S	35E	645876.0	3622973.0 *	●	3106	187	65	122
L 13602 POD1		L	LE	NW	NE	NE	18	18S	36E	651033.1	3625091.8	●	3123	210	60	150
L 10304		L	LE	NW	SE	SE	09	18S	35E	644526.0	3625479.0 *	●	3396	170	72	98
L 03117		L	LE	NW	NW	SE	06	18S	36E	650414.1	3627647.9	●	3417	232	46	186
L 07872		L	LE	NW	SW	SW	03	18S	35E	644900.0	3627101.0 *	●	3507	162	62	100
L 01545		L	LE	NE	NE	SW	19	18S	36E	650490.2	3622817.5	●	3584	214	60	154
L 10404		L	LE	SE	SE	SE	34	17S	35E	646283.0	3628523.0 *	●	3601	115	115	0
L 05394		L	LE	SW	NE	SE	35	17S	35E	647690.0	3628943.0 *	●	3636	120	62	58
L 05394 S		L	LE	SW	NW	SW	36	17S	35E	648093.0	3628947.0 *	●	3637	130	55	75
L 05810		L	LE		NE	SW	22	18S	35E	645479.0	3622564.0 *	●	3675	145	95	50
L 02678 POD3		L	LE		SW	SE	22	18S	35E	645902.3	3622214.6	●	3697	190	154	36
L 02676		L	LE		NW	NE	16	18S	35E	644231.0	3624972.0 *	●	3702	175	60	115
L 02678		L	LE		SW	SE	22	18S	35E	645890.0	3622166.0 *	●	3744	200	58	142
L 02678	R	L	LE		SW	SE	22	18S	35E	645890.0	3622166.0 *	●	3744	200	58	142
L 02678 POD2	R	L	LE		SW	SE	22	18S	35E	645890.0	3622166.0 *	●	3744	185	58	127

(A CLW#####
in the POD suffix
indicates (R=POD has
the POD has been been
replaced replaced,
& no longer O=orphaned,
serves a water C=the file is
right file.) closed)
(quarters are
smallest to
largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)	(In feet)		
													Distance	Well Depth	Depth Water	Water Column
L 03772		L	LE		NE	NE	21	18S	35E	644659.0	3623361.0 *		3799	130	60	70
L 02348		L	LE	SW	NW	SE	09	18S	35E	644116.0	3625679.0 *		3819	215	105	110
L 04553		L	LE	NW	NW	SW	36	17S	35E	648093.0	3629147.0 *		3836	110	60	50
L 09588		L	LE	SE	SW	SE	16	18S	35E	644349.0	3623659.0 *		3934	155	84	71
L 05834 POD8		L	LE	SW	NE	SE	36	17S	35E	649210.7	3629030.7		3935	214	62	152
L 09373		L	LE	SW	NW	NW	26	18S	35E	646580.1	3621579.8		3966	120	60	60
L 06047		L	LE	NE	NE	NW	16	18S	35E	643927.0	3625066.0 *		3998	122	65	57

Average Depth to Water: 68 feet

Minimum Depth: 40 feet

Maximum Depth: 154 feet

Record Count: 46

UTM Filters (in meters):

Easting: 647918.00
Northing: 3625314.00
Radius: 4000

* UTM location was derived from PLSS - see Help

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

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Mitchell Energy Corp. Owner's Well No. State JR # 1
Street or Post Office Address 200 North Lorraine, Suite 1000
City and State Midland, Texas 79701

Well was drilled under Permit No. L-9726 and is located in the:

280' FEL 330' FSL
a. 1/4 1/4 1/4 1/4 of Section 11 Township 18S Range 35E N.M.P.M.
SE 1/4 SE 1/4 SE 1/4
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in Lea County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Abbott Bros. Drilling License No. WD-46
Address P.O. Box 637, Hobbs, New Mexico 88240
Drilling Began 7/25/85 Completed 7/26/85 Type tools Cable Size of hole 8 1/2 in.
Elevation of land surface or _____ at well is _____ ft. Total depth of well 135 ft.
Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 48 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
48	89	41	Sand	
126	135	9	Sand	

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
7	27	4	0	135	135	None	63	135

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
			Cement at	top.	

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received August 2, 1985 Quad _____ FWL _____ FSL _____
File No. L-9726 Use OWD Location No. 18.35.11.44441

514840
18.35.11.44441

Revised June 1972

STATE ENGINEER OFFICE
WELL RECORD

Section 1. GENERAL INFORMATION

(A) Owner of well Mitchell Energy Corporation Owner's Well No. L-9766
Street or Post Office Address 200 N. Lorane Suite 1000
City and State Midland Texas 79701

Well was drilled under Permit No. L-9766 and is located in the:
a. 1/4 1/4 NW 1/4 NW 1/4 of Section 13 Township 18S Range 35E N.M.P.M.
b. Tract No. _____ of Map No. _____ of the _____
c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.
d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in
the _____ Grant.

(B) Drilling Contractor Gary Kidd License No. WD-854
Address 1207 Ave H. Lovington NM 88260
Drilling Began 12/4/85 Completed 12/6/85 Type tools Cable Size of hole 8 3/4 in.
Elevation of land surface or _____ at well is 0 ft. Total depth of well 135 ft.
Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 135 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
60	130	70	Brown water sand	35

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
5	1	0	0	135	135	0	94	135

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet		Cubic Feet of Cement
	Top	Bottom	
1			
2			
3			
4			

Date Received January 2, 1986 FOR USE OF STATE ENGINEER ONLY
Quad _____ FWL 515025 FSL _____

File No. L-9766 Use OWD Location No. 18.35.13.11312

[illegible][illegible]

1000

Gary Fidler
Driller

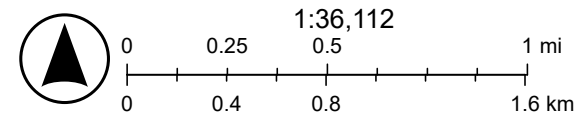
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STATE JR #1 (08.21.2023)



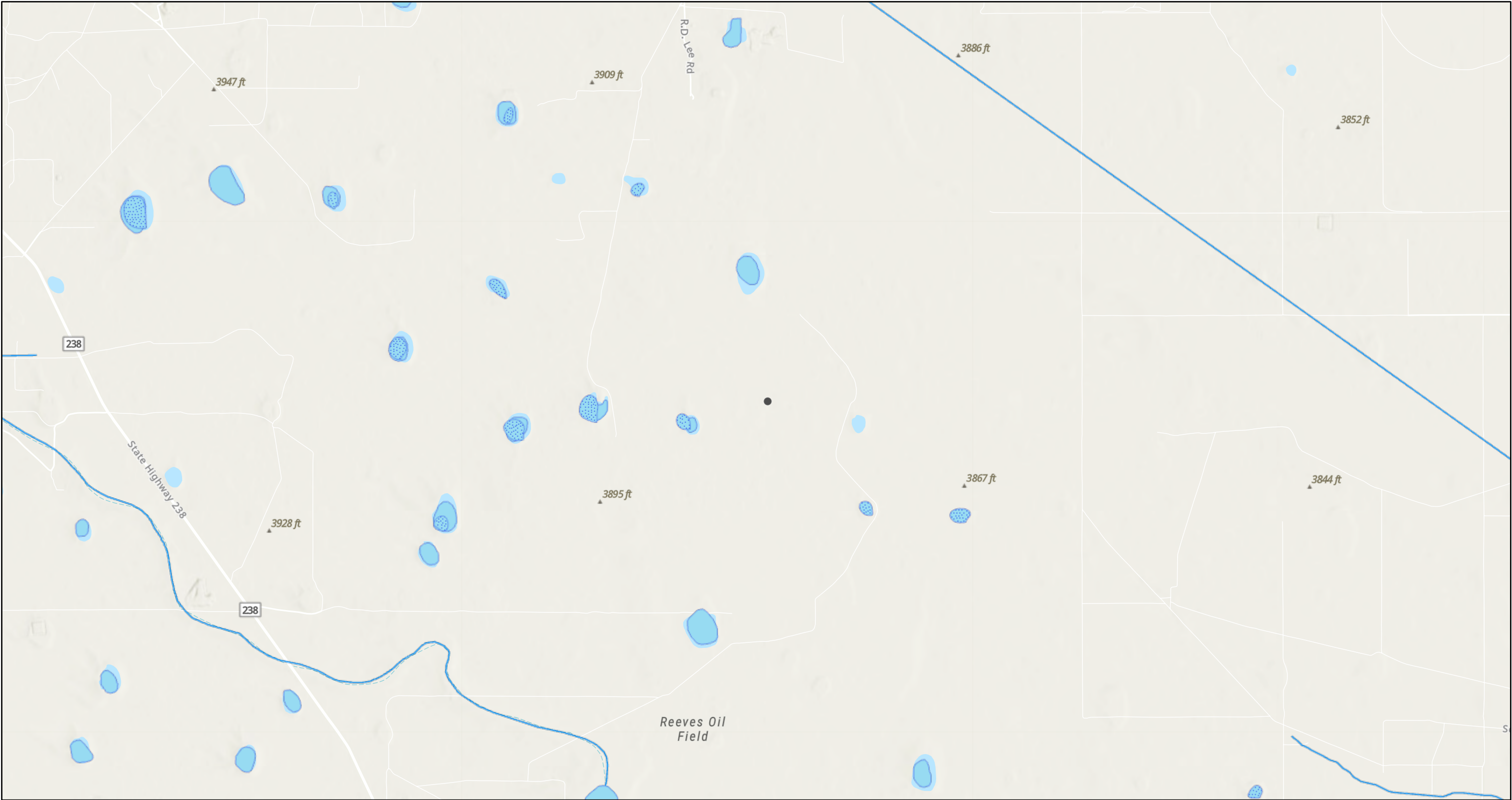
3/27/2026

World_Hillshade



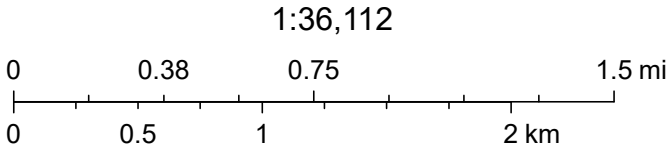
Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

STATE JR #1 (08.21.2023)

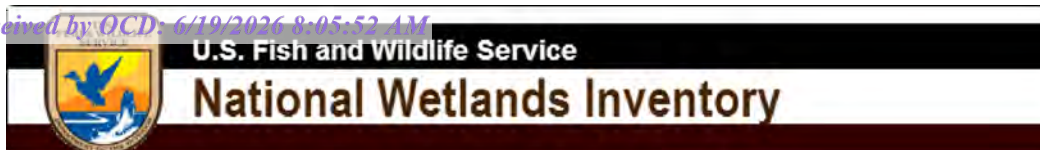


3/27/2026, 5:59:31 PM

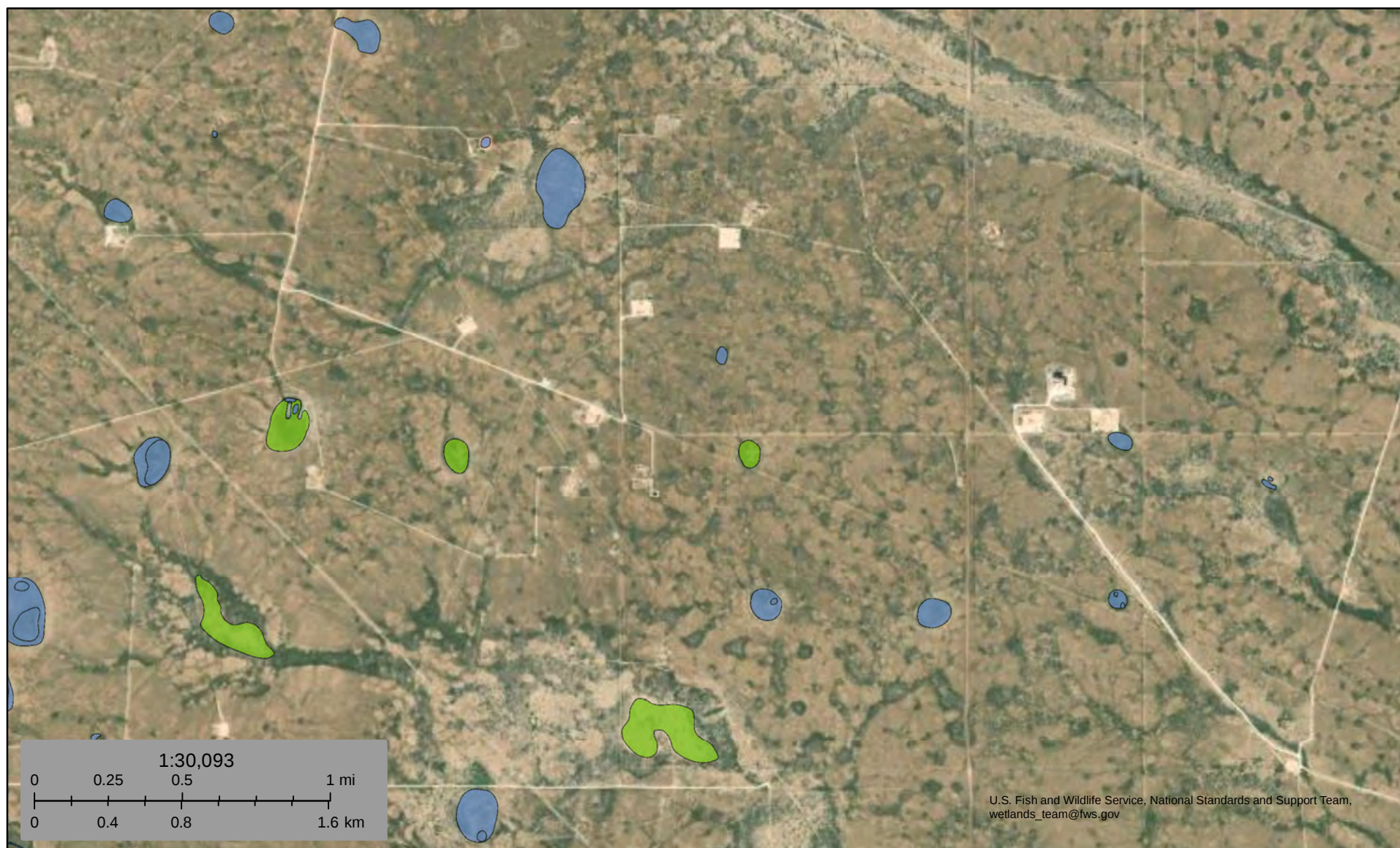
- OSW Water Bodys
- OSE Probable Playas
- OSE Streams



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



STATE JR #1 (08.21.2023)



March 27, 2026

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

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 5/6/2026 9:23:37 AM

JOB DESCRIPTION

State JR #1 (08.21.2023)
Lea County New Mexico

JOB NUMBER

880-71237-1

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
5/6/2026 9:23:37 AM

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

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Laboratory Job ID: 880-71237-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
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
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: State JR #1 (08.21.2023)

Job ID: 880-71237-1

Job ID: 880-71237-1

Eurofins Midland

Job Narrative
880-71237-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 4/21/2026 2:12 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-139229 and analytical batch 880-139324 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH-1 (2.0') (880-71237-2), BH-1 (3.0') (880-71237-3), BH-1 (4.0') (880-71237-4) and BH-1 (5.0') (880-71237-5). Elevated reporting limits (RLs) are provided.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: BH-3 (2.0') (880-71237-12). Evidence of matrix interferences is not obvious.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-139153 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-139153/83).

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138533 and analytical batch 880-139153 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.

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-138654 and analytical batch 880-138741 were outside control limits for Chloride. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: BH-1 (0-1.0') (880-71237-1), BH-1 (2.0') (880-71237-2), BH-1 (3.0') (880-71237-3), BH-1 (4.0') (880-71237-4), BH-1 (5.0') (880-71237-5), BH-2 (0-1.0') (880-71237-6), BH-2 (2.0') (880-71237-7), BH-2 (3.0') (880-71237-8), BH-2 (4.0') (880-71237-9), BH-2 (5.0') (880-71237-10), (880-71237-A-1-C MS) and (880-71237-A-1-D MSD).

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: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71237-1

Date Collected: 04/21/26 08:30

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:39	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:39	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:39	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		04/28/26 11:45	05/01/26 00:39	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:39	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		04/28/26 11:45	05/01/26 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/28/26 11:45	05/01/26 00:39	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/28/26 11:45	05/01/26 00:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/01/26 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	743		50.0		mg/Kg			05/05/26 21:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 21:09	1
Diesel Range Organics (Over C10-C28)	629		50.0		mg/Kg		05/05/26 11:53	05/05/26 21:09	1
Oil Range Organics (Over C28-C36)	114		50.0		mg/Kg		05/05/26 11:53	05/05/26 21:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	05/05/26 11:53	05/05/26 21:09	1
o-Terphenyl (Surr)	91		70 - 130	05/05/26 11:53	05/05/26 21:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.8	F1	10.0		mg/Kg			04/23/26 18:40	1

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-71237-2

Date Collected: 04/21/26 08:32

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0201	U	0.0201		mg/Kg		04/28/26 11:45	05/01/26 02:43	10
Toluene	<0.0201	U	0.0201		mg/Kg		04/28/26 11:45	05/01/26 02:43	10
Ethylbenzene	<0.0201	U	0.0201		mg/Kg		04/28/26 11:45	05/01/26 02:43	10
m-Xylene & p-Xylene	<0.0402	U	0.0402		mg/Kg		04/28/26 11:45	05/01/26 02:43	10
o-Xylene	<0.0201	U	0.0201		mg/Kg		04/28/26 11:45	05/01/26 02:43	10
Xylenes, Total	<0.0402	U	0.0402		mg/Kg		04/28/26 11:45	05/01/26 02:43	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	04/28/26 11:45	05/01/26 02:43	10
1,4-Difluorobenzene (Surr)	95		70 - 130	04/28/26 11:45	05/01/26 02:43	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-71237-2

Date Collected: 04/21/26 08:32

Matrix: Solid

Date Received: 04/21/26 14:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0402	U	0.0402		mg/Kg			05/01/26 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2520		50.1		mg/Kg			05/05/26 21:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/05/26 11:53	05/05/26 21:25	1
Diesel Range Organics (Over C10-C28)	2400		50.1		mg/Kg		05/05/26 11:53	05/05/26 21:25	1
Oil Range Organics (Over C28-C36)	124		50.1		mg/Kg		05/05/26 11:53	05/05/26 21:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				05/05/26 11:53	05/05/26 21:25	1
o-Terphenyl (Surr)	96		70 - 130				05/05/26 11:53	05/05/26 21:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/23/26 19:11	1

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-71237-3

Date Collected: 04/21/26 08:34

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0202	U	0.0202		mg/Kg		04/28/26 11:45	05/01/26 03:04	10
Toluene	<0.0202	U	0.0202		mg/Kg		04/28/26 11:45	05/01/26 03:04	10
Ethylbenzene	<0.0202	U	0.0202		mg/Kg		04/28/26 11:45	05/01/26 03:04	10
m-Xylene & p-Xylene	<0.0404	U	0.0404		mg/Kg		04/28/26 11:45	05/01/26 03:04	10
o-Xylene	<0.0202	U	0.0202		mg/Kg		04/28/26 11:45	05/01/26 03:04	10
Xylenes, Total	<0.0404	U	0.0404		mg/Kg		04/28/26 11:45	05/01/26 03:04	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				04/28/26 11:45	05/01/26 03:04	10
1,4-Difluorobenzene (Surr)	97		70 - 130				04/28/26 11:45	05/01/26 03:04	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0404	U	0.0404		mg/Kg			05/01/26 03:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	380		50.0		mg/Kg			05/05/26 21:39	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	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 21:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-71237-3

Date Collected: 04/21/26 08:34

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	314		50.0		mg/Kg		05/05/26 11:53	05/05/26 21:39	1
Oil Range Organics (Over C28-C36)	65.8		50.0		mg/Kg		05/05/26 11:53	05/05/26 21:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				05/05/26 11:53	05/05/26 21:39	1
o-Terphenyl (Surr)	91		70 - 130				05/05/26 11:53	05/05/26 21:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			04/23/26 19:21	1

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71237-4

Date Collected: 04/21/26 08:36

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		04/28/26 11:45	05/01/26 03:25	10
Toluene	<0.0199	U	0.0199		mg/Kg		04/28/26 11:45	05/01/26 03:25	10
Ethylbenzene	<0.0199	U	0.0199		mg/Kg		04/28/26 11:45	05/01/26 03:25	10
m-Xylene & p-Xylene	<0.0398	U	0.0398		mg/Kg		04/28/26 11:45	05/01/26 03:25	10
o-Xylene	<0.0199	U	0.0199		mg/Kg		04/28/26 11:45	05/01/26 03:25	10
Xylenes, Total	<0.0398	U	0.0398		mg/Kg		04/28/26 11:45	05/01/26 03:25	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				04/28/26 11:45	05/01/26 03:25	10
1,4-Difluorobenzene (Surr)	102		70 - 130				04/28/26 11:45	05/01/26 03:25	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0398	U	0.0398		mg/Kg			05/01/26 03:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	269		49.7		mg/Kg			05/05/26 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/05/26 11:53	05/05/26 21:53	1
Diesel Range Organics (Over C10-C28)	129		49.7		mg/Kg		05/05/26 11:53	05/05/26 21:53	1
Oil Range Organics (Over C28-C36)	140		49.7		mg/Kg		05/05/26 11:53	05/05/26 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				05/05/26 11:53	05/05/26 21:53	1
o-Terphenyl (Surr)	91		70 - 130				05/05/26 11:53	05/05/26 21:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71237-4

Date Collected: 04/21/26 08:36

Matrix: Solid

Date Received: 04/21/26 14:12

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/23/26 19:52	1

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-71237-5

Date Collected: 04/21/26 08:38

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		04/28/26 11:45	05/01/26 03:45	10
Toluene	<0.0200	U	0.0200		mg/Kg		04/28/26 11:45	05/01/26 03:45	10
Ethylbenzene	<0.0200	U	0.0200		mg/Kg		04/28/26 11:45	05/01/26 03:45	10
m-Xylene & p-Xylene	<0.0399	U	0.0399		mg/Kg		04/28/26 11:45	05/01/26 03:45	10
o-Xylene	<0.0200	U	0.0200		mg/Kg		04/28/26 11:45	05/01/26 03:45	10
Xylenes, Total	<0.0399	U	0.0399		mg/Kg		04/28/26 11:45	05/01/26 03:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/28/26 11:45	05/01/26 03:45	10
1,4-Difluorobenzene (Surr)	93		70 - 130	04/28/26 11:45	05/01/26 03:45	10

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0399	U	0.0399		mg/Kg			05/01/26 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/05/26 22:07	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		05/05/26 11:53	05/05/26 22:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 22:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	05/05/26 11:53	05/05/26 22:07	1
o-Terphenyl (Surr)	88		70 - 130	05/05/26 11:53	05/05/26 22:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/23/26 20:02	1

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

Lab Sample ID: 880-71237-6

Date Collected: 04/21/26 09:16

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 01:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 01:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 01:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71237-6

Date Collected: 04/21/26 09:16

Matrix: Solid

Date Received: 04/21/26 14:12

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 01:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 01:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/28/26 11:45	05/01/26 01:00	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/28/26 11:45	05/01/26 01:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/01/26 01:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/26 17:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		04/21/26 18:22	04/27/26 17:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 17:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				04/21/26 18:22	04/27/26 17:42	1
o-Terphenyl (Surr)	92		70 - 130				04/21/26 18:22	04/27/26 17:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		10.1		mg/Kg			04/23/26 20:12	1

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71237-7

Date Collected: 04/21/26 09:18

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 01:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 01:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 01:21	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/28/26 11:45	05/01/26 01:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 01:21	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/28/26 11:45	05/01/26 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/28/26 11:45	05/01/26 01:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/28/26 11:45	05/01/26 01:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/01/26 01:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71237-7

Date Collected: 04/21/26 09:18

Matrix: Solid

Date Received: 04/21/26 14:12

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			04/27/26 18:43	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		04/21/26 18:22	04/27/26 18:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 18:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				04/21/26 18:22	04/27/26 18:43	1
o-Terphenyl (Surr)	113		70 - 130				04/21/26 18:22	04/27/26 18:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			04/23/26 20:23	1

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-71237-8

Date Collected: 04/21/26 09:20

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 01:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 01:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 01:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/28/26 11:45	05/01/26 01:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/28/26 11:45	05/01/26 01:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/28/26 11:45	05/01/26 01:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				04/28/26 11:45	05/01/26 01:41	1
1,4-Difluorobenzene (Surr)	102		70 - 130				04/28/26 11:45	05/01/26 01:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/01/26 01:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/26 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 19:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 19:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				04/21/26 18:22	04/27/26 19:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-71237-8

Date Collected: 04/21/26 09:20

Matrix: Solid

Date Received: 04/21/26 14:12

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl (Surr)	105		70 - 130	04/21/26 18:22	04/27/26 19:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		9.92		mg/Kg			04/23/26 20:33	1

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-71237-9

Date Collected: 04/21/26 09:22

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 02:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/28/26 11:45	05/01/26 02:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/28/26 11:45	05/01/26 02:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		04/28/26 11:45	05/01/26 02:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/28/26 11:45	05/01/26 02:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/28/26 11:45	05/01/26 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/28/26 11:45	05/01/26 02:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130				04/28/26 11:45	05/01/26 02:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/01/26 02:02	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			04/27/26 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/21/26 18:22	04/27/26 19:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/21/26 18:22	04/27/26 19:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/21/26 18:22	04/27/26 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/21/26 18:22	04/27/26 19:24	1
o-Terphenyl (Surr)	104		70 - 130				04/21/26 18:22	04/27/26 19:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/23/26 20:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-71237-10

Date Collected: 04/21/26 09:24

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 02:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 02:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 02:23	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 02:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 02:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/28/26 11:45	05/01/26 02:23	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/28/26 11:45	05/01/26 02:23	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			05/01/26 02:23	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			04/27/26 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 19:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 19:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	04/21/26 18:22	04/27/26 19:45	1
o-Terphenyl (Surr)	109		70 - 130	04/21/26 18:22	04/27/26 19:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.90	U	9.90		mg/Kg			04/23/26 20:54	1

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

Lab Sample ID: 880-71237-11

Date Collected: 04/21/26 09:50

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 06:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 06:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 06:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		04/28/26 11:45	05/01/26 06:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 06:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/28/26 11:45	05/01/26 06:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	04/28/26 11:45	05/01/26 06:52	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/28/26 11:45	05/01/26 06:52	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71237-11

Date Collected: 04/21/26 09:50

Matrix: Solid

Date Received: 04/21/26 14:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/01/26 06:52	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			04/27/26 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 20:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 20:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				04/21/26 18:22	04/27/26 20:05	1
o-Terphenyl (Surr)	102		70 - 130				04/21/26 18:22	04/27/26 20:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		10.1		mg/Kg			04/23/26 21:33	1

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-71237-12

Date Collected: 04/21/26 09:52

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 07:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 07:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 07:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 07:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 07:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 07:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				04/28/26 11:45	05/01/26 07:13	1
1,4-Difluorobenzene (Surr)	98		70 - 130				04/28/26 11:45	05/01/26 07:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/01/26 07:13	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			04/27/26 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 20:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-3 (2.0')

Lab Sample ID: 880-71237-12

Date Collected: 04/21/26 09:52

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/21/26 18:22	04/27/26 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				04/21/26 18:22	04/27/26 20:26	1
o-Terphenyl (Surr)	144	S1+	70 - 130				04/21/26 18:22	04/27/26 20:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/23/26 21:49	1

Client Sample ID: BH-3 (3.0')

Lab Sample ID: 880-71237-13

Date Collected: 04/21/26 09:54

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 07:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 07:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 07:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/28/26 11:45	05/01/26 07:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 07:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/28/26 11:45	05/01/26 07:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/28/26 11:45	05/01/26 07:33	1
1,4-Difluorobenzene (Surr)	90		70 - 130				04/28/26 11:45	05/01/26 07:33	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/01/26 07:33	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			04/27/26 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 20:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 20:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/21/26 18:22	04/27/26 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				04/21/26 18:22	04/27/26 20:46	1
o-Terphenyl (Surr)	104		70 - 130				04/21/26 18:22	04/27/26 20:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		10.0		mg/Kg			04/23/26 21:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-3 (4.0')

Lab Sample ID: 880-71237-14

Date Collected: 04/21/26 09:56

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 07:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 07:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 07:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 07:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/28/26 11:45	05/01/26 07:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/28/26 11:45	05/01/26 07:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				04/28/26 11:45	05/01/26 07:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130				04/28/26 11:45	05/01/26 07:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/01/26 07:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/27/26 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 21:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 21:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 21:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				04/21/26 18:22	04/27/26 21:06	1
o-Terphenyl (Surr)	89		70 - 130				04/21/26 18:22	04/27/26 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			04/23/26 21:59	1

Client Sample ID: BH-3 (5.0')

Lab Sample ID: 880-71237-15

Date Collected: 04/21/26 09:58

Matrix: Solid

Date Received: 04/21/26 14:12

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		04/28/26 11:45	05/01/26 08:15	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 08:15	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 08:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/28/26 11:45	05/01/26 08:15	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/28/26 11:45	05/01/26 08:15	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/28/26 11:45	05/01/26 08:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/28/26 11:45	05/01/26 08:15	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/28/26 11:45	05/01/26 08:15	1

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Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-3 (5.0')

Lab Sample ID: 880-71237-15

Date Collected: 04/21/26 09:58

Matrix: Solid

Date Received: 04/21/26 14:12

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/01/26 08:15	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			04/27/26 21:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 21:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 21:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 21:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				04/21/26 18:22	04/27/26 21:26	1
o-Terphenyl (Surr)	103		70 - 130				04/21/26 18:22	04/27/26 21:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			04/23/26 22:05	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
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)
880-71237-1	BH-1 (0-1.0')	98	97
880-71237-1 MS	BH-1 (0-1.0')	105	104
880-71237-1 MSD	BH-1 (0-1.0')	103	100
880-71237-2	BH-1 (2.0')	118	95
880-71237-3	BH-1 (3.0')	116	97
880-71237-4	BH-1 (4.0')	123	102
880-71237-5	BH-1 (5.0')	120	93
880-71237-6	BH-2 (0-1.0')	104	90
880-71237-7	BH-2 (2.0')	105	94
880-71237-8	BH-2 (3.0')	105	102
880-71237-9	BH-2 (4.0')	109	97
880-71237-10	BH-2 (5.0')	101	95
880-71237-11	BH-3 (0-1.0')	118	100
880-71237-12	BH-3 (2.0')	109	98
880-71237-13	BH-3 (3.0')	102	90
880-71237-14	BH-3 (4.0')	104	100
880-71237-15	BH-3 (5.0')	102	93
LCS 880-139229/1-A	Lab Control Sample	103	94
LCSD 880-139229/2-A	Lab Control Sample Dup	101	98
MB 880-139229/5-A	Method Blank	99	92
MB 880-139452/5-A	Method Blank	97	91
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)
880-71235-A-1-I MS	Matrix Spike	91	91
880-71235-A-1-J MSD	Matrix Spike Duplicate	107	91
880-71237-1	BH-1 (0-1.0')	97	91
880-71237-2	BH-1 (2.0')	90	96
880-71237-3	BH-1 (3.0')	92	91
880-71237-4	BH-1 (4.0')	99	91
880-71237-5	BH-1 (5.0')	93	88
880-71237-6	BH-2 (0-1.0')	77	92
880-71237-6 MS	BH-2 (0-1.0')	91	90
880-71237-6 MSD	BH-2 (0-1.0')	94	91
880-71237-7	BH-2 (2.0')	102	113
880-71237-8	BH-2 (3.0')	92	105
880-71237-9	BH-2 (4.0')	95	104
880-71237-10	BH-2 (5.0')	95	109
880-71237-11	BH-3 (0-1.0')	94	102
880-71237-12	BH-3 (2.0')	126	144 S1+
880-71237-13	BH-3 (3.0')	94	104
880-71237-14	BH-3 (4.0')	80	89

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-71237-1

Project/Site: State JR #1 (08.21.2023)

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)
880-71237-15	BH-3 (5.0')	95	103
LCS 880-138533/2-A	Lab Control Sample	103	101
LCS 880-139936/2-A	Lab Control Sample	90	91
LCSD 880-138533/3-A	Lab Control Sample Dup	103	101
LCSD 880-139936/3-A	Lab Control Sample Dup	106	91
MB 880-138533/1-A	Method Blank	91	104
MB 880-139936/1-A	Method Blank	90	86
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-139229/5-A

Matrix: Solid

Analysis Batch: 139324

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139229

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/28/26 11:45	05/01/26 00:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/28/26 11:45	05/01/26 00:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/28/26 11:45	05/01/26 00:17	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/28/26 11:45	05/01/26 00:17	1

Lab Sample ID: LCS 880-139229/1-A

Matrix: Solid

Analysis Batch: 139324

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139229

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1090		mg/Kg		109	70 - 130
Toluene	0.100	0.1065		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1024		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2070		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1054		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-139229/2-A

Matrix: Solid

Analysis Batch: 139324

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139229

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1038		mg/Kg		104	70 - 130	5	35
Toluene	0.100	0.1003		mg/Kg		100	70 - 130	6	35
Ethylbenzene	0.100	0.09747		mg/Kg		97	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1991		mg/Kg		100	70 - 130	4	35
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-71237-1 MS

Matrix: Solid

Analysis Batch: 139324

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

Prep Type: Total/NA

Prep Batch: 139229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07109		mg/Kg		71	70 - 130
Toluene	<0.00200	U F1	0.100	0.04549	F1	mg/Kg		45	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71237-1 MS

Matrix: Solid

Analysis Batch: 139324

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

Prep Type: Total/NA

Prep Batch: 139229

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.02761	F1	mg/Kg		26	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.05251	F1	mg/Kg		26	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.03097	F1	mg/Kg		31	70 - 130

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

Lab Sample ID: 880-71237-1 MSD

Matrix: Solid

Analysis Batch: 139324

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

Prep Type: Total/NA

Prep Batch: 139229

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06807	F1	mg/Kg		68	70 - 130	4	35
Toluene	<0.00200	U F1	0.100	0.05089	F1	mg/Kg		51	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.100	0.03604	F1	mg/Kg		35	70 - 130	26	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.07399	F1	mg/Kg		37	70 - 130	34	35
o-Xylene	<0.00200	U F1	0.100	0.03650	F1	mg/Kg		37	70 - 130	16	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-139452/5-A

Matrix: Solid

Analysis Batch: 139324

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/30/26 09:50	04/30/26 13:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/30/26 09:50	04/30/26 13:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/30/26 09:50	04/30/26 13:37	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/30/26 09:50	04/30/26 13:37	1

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

Lab Sample ID: MB 880-138533/1-A

Matrix: Solid

Analysis Batch: 139153

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 12:41	1

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-138533/1-A

Matrix: Solid

Analysis Batch: 139153

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 138533

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		04/21/26 18:22	04/27/26 12:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/21/26 18:22	04/27/26 12:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				04/21/26 18:22	04/27/26 12:41	1
o-Terphenyl (Surr)	104		70 - 130				04/21/26 18:22	04/27/26 12:41	1

Lab Sample ID: LCS 880-138533/2-A

Matrix: Solid

Analysis Batch: 139153

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 138533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	855.8		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1115		mg/Kg		111	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	103		70 - 130				
o-Terphenyl (Surr)	101		70 - 130				

Lab Sample ID: LCSD 880-138533/3-A

Matrix: Solid

Analysis Batch: 139153

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 138533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	843.8		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1071		mg/Kg		107	70 - 130	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	103		70 - 130						
o-Terphenyl (Surr)	101		70 - 130						

Lab Sample ID: 880-71237-6 MS

Matrix: Solid

Analysis Batch: 139153

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

Prep Type: Total/NA

Prep Batch: 138533

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 F1	999	659.0	F1	mg/Kg		45	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	761.8		mg/Kg		76	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	91		70 - 130						
o-Terphenyl (Surr)	90		70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71237-6 MSD

Matrix: Solid

Analysis Batch: 139153

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

Prep Type: Total/NA

Prep Batch: 138533

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 F1	999	695.2	F1	mg/Kg		48	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	803.5		mg/Kg		80	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	94		70 - 130								
o-Terphenyl (Surr)	91		70 - 130								

Lab Sample ID: MB 880-139936/1-A

Matrix: Solid

Analysis Batch: 139898

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 139936

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 15:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 15:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/05/26 11:53	05/05/26 15:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				05/05/26 11:53	05/05/26 15:57	1
o-Terphenyl (Surr)	86		70 - 130				05/05/26 11:53	05/05/26 15:57	1

Lab Sample ID: LCS 880-139936/2-A

Matrix: Solid

Analysis Batch: 139898

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 139936

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	956.7		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1073		mg/Kg		107	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane (Surr)	90		70 - 130						
o-Terphenyl (Surr)	91		70 - 130						

Lab Sample ID: LCSD 880-139936/3-A

Matrix: Solid

Analysis Batch: 139898

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139936

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1030		mg/Kg		103	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1059		mg/Kg		106	70 - 130	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-139936/3-A

Matrix: Solid

Analysis Batch: 139898

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 139936

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-71235-A-1-I MS

Matrix: Solid

Analysis Batch: 139898

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 139936

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1067		mg/Kg		107	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1175		mg/Kg		118	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	91		70 - 130							
o-Terphenyl (Surr)	91		70 - 130							

Lab Sample ID: 880-71235-A-1-J MSD

Matrix: Solid

Analysis Batch: 139898

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 139936

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1079		mg/Kg		108	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1117		mg/Kg		112	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	107		70 - 130									
o-Terphenyl (Surr)	91		70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-138654/1-A

Matrix: Solid

Analysis Batch: 138741

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	<10.0	U	10.0		mg/Kg			04/23/26 15:44	1	

Lab Sample ID: LCS 880-138654/2-A

Matrix: Solid

Analysis Batch: 138741

Client Sample ID: Lab Control Sample

Prep Type: Soluble

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-138654/3-A

Matrix: Solid

Analysis Batch: 138741

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	229.2		mg/Kg		92	90 - 110	0	20

Lab Sample ID: 880-71237-1 MS

Matrix: Solid

Analysis Batch: 138741

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.8	F1	250	232.7	F1	mg/Kg		88	90 - 110

Lab Sample ID: 880-71237-1 MSD

Matrix: Solid

Analysis Batch: 138741

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.8	F1	250	231.8	F1	mg/Kg		88	90 - 110	0	20

Lab Sample ID: MB 880-138655/1-A

Matrix: Solid

Analysis Batch: 138742

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/23/26 21:18	1

Lab Sample ID: LCS 880-138655/2-A

Matrix: Solid

Analysis Batch: 138742

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	243.5		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-138655/3-A

Matrix: Solid

Analysis Batch: 138742

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	237.3		mg/Kg		95	90 - 110	3	20

Lab Sample ID: 880-71237-11 MS

Matrix: Solid

Analysis Batch: 138742

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	11.9		252	260.2		mg/Kg		98	90 - 110

Lab Sample ID: 880-71237-11 MSD

Matrix: Solid

Analysis Batch: 138742

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	11.9		252	254.9		mg/Kg		96	90 - 110	2	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 139229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-71237-2	BH-1 (2.0')	Total/NA	Solid	5035	
880-71237-3	BH-1 (3.0')	Total/NA	Solid	5035	
880-71237-4	BH-1 (4.0')	Total/NA	Solid	5035	
880-71237-5	BH-1 (5.0')	Total/NA	Solid	5035	
880-71237-6	BH-2 (0-1.0')	Total/NA	Solid	5035	
880-71237-7	BH-2 (2.0')	Total/NA	Solid	5035	
880-71237-8	BH-2 (3.0')	Total/NA	Solid	5035	
880-71237-9	BH-2 (4.0')	Total/NA	Solid	5035	
880-71237-10	BH-2 (5.0')	Total/NA	Solid	5035	
880-71237-11	BH-3 (0-1.0')	Total/NA	Solid	5035	
880-71237-12	BH-3 (2.0')	Total/NA	Solid	5035	
880-71237-13	BH-3 (3.0')	Total/NA	Solid	5035	
880-71237-14	BH-3 (4.0')	Total/NA	Solid	5035	
880-71237-15	BH-3 (5.0')	Total/NA	Solid	5035	
MB 880-139229/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-139229/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-139229/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-71237-1 MS	BH-1 (0-1.0')	Total/NA	Solid	5035	
880-71237-1 MSD	BH-1 (0-1.0')	Total/NA	Solid	5035	

Analysis Batch: 139324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Total/NA	Solid	8021B	139229
880-71237-2	BH-1 (2.0')	Total/NA	Solid	8021B	139229
880-71237-3	BH-1 (3.0')	Total/NA	Solid	8021B	139229
880-71237-4	BH-1 (4.0')	Total/NA	Solid	8021B	139229
880-71237-5	BH-1 (5.0')	Total/NA	Solid	8021B	139229
880-71237-6	BH-2 (0-1.0')	Total/NA	Solid	8021B	139229
880-71237-7	BH-2 (2.0')	Total/NA	Solid	8021B	139229
880-71237-8	BH-2 (3.0')	Total/NA	Solid	8021B	139229
880-71237-9	BH-2 (4.0')	Total/NA	Solid	8021B	139229
880-71237-10	BH-2 (5.0')	Total/NA	Solid	8021B	139229
880-71237-11	BH-3 (0-1.0')	Total/NA	Solid	8021B	139229
880-71237-12	BH-3 (2.0')	Total/NA	Solid	8021B	139229
880-71237-13	BH-3 (3.0')	Total/NA	Solid	8021B	139229
880-71237-14	BH-3 (4.0')	Total/NA	Solid	8021B	139229
880-71237-15	BH-3 (5.0')	Total/NA	Solid	8021B	139229
MB 880-139229/5-A	Method Blank	Total/NA	Solid	8021B	139229
MB 880-139452/5-A	Method Blank	Total/NA	Solid	8021B	139452
LCS 880-139229/1-A	Lab Control Sample	Total/NA	Solid	8021B	139229
LCSD 880-139229/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	139229
880-71237-1 MS	BH-1 (0-1.0')	Total/NA	Solid	8021B	139229
880-71237-1 MSD	BH-1 (0-1.0')	Total/NA	Solid	8021B	139229

Prep Batch: 139452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-139452/5-A	Method Blank	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 139626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-71237-2	BH-1 (2.0')	Total/NA	Solid	Total BTEX	
880-71237-3	BH-1 (3.0')	Total/NA	Solid	Total BTEX	
880-71237-4	BH-1 (4.0')	Total/NA	Solid	Total BTEX	
880-71237-5	BH-1 (5.0')	Total/NA	Solid	Total BTEX	
880-71237-6	BH-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-71237-7	BH-2 (2.0')	Total/NA	Solid	Total BTEX	
880-71237-8	BH-2 (3.0')	Total/NA	Solid	Total BTEX	
880-71237-9	BH-2 (4.0')	Total/NA	Solid	Total BTEX	
880-71237-10	BH-2 (5.0')	Total/NA	Solid	Total BTEX	
880-71237-11	BH-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-71237-12	BH-3 (2.0')	Total/NA	Solid	Total BTEX	
880-71237-13	BH-3 (3.0')	Total/NA	Solid	Total BTEX	
880-71237-14	BH-3 (4.0')	Total/NA	Solid	Total BTEX	
880-71237-15	BH-3 (5.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 138533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-6	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71237-7	BH-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-71237-8	BH-2 (3.0')	Total/NA	Solid	8015NM Prep	
880-71237-9	BH-2 (4.0')	Total/NA	Solid	8015NM Prep	
880-71237-10	BH-2 (5.0')	Total/NA	Solid	8015NM Prep	
880-71237-11	BH-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71237-12	BH-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-71237-13	BH-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-71237-14	BH-3 (4.0')	Total/NA	Solid	8015NM Prep	
880-71237-15	BH-3 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-138533/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-138533/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-138533/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71237-6 MS	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71237-6 MSD	BH-2 (0-1.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 139153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-6	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	138533
880-71237-7	BH-2 (2.0')	Total/NA	Solid	8015B NM	138533
880-71237-8	BH-2 (3.0')	Total/NA	Solid	8015B NM	138533
880-71237-9	BH-2 (4.0')	Total/NA	Solid	8015B NM	138533
880-71237-10	BH-2 (5.0')	Total/NA	Solid	8015B NM	138533
880-71237-11	BH-3 (0-1.0')	Total/NA	Solid	8015B NM	138533
880-71237-12	BH-3 (2.0')	Total/NA	Solid	8015B NM	138533
880-71237-13	BH-3 (3.0')	Total/NA	Solid	8015B NM	138533
880-71237-14	BH-3 (4.0')	Total/NA	Solid	8015B NM	138533
880-71237-15	BH-3 (5.0')	Total/NA	Solid	8015B NM	138533
MB 880-138533/1-A	Method Blank	Total/NA	Solid	8015B NM	138533
LCS 880-138533/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	138533
LCSD 880-138533/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	138533

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QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 139153 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-6 MS	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	138533
880-71237-6 MSD	BH-2 (0-1.0')	Total/NA	Solid	8015B NM	138533

Analysis Batch: 139293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-71237-2	BH-1 (2.0')	Total/NA	Solid	8015 NM	
880-71237-3	BH-1 (3.0')	Total/NA	Solid	8015 NM	
880-71237-4	BH-1 (4.0')	Total/NA	Solid	8015 NM	
880-71237-5	BH-1 (5.0')	Total/NA	Solid	8015 NM	
880-71237-6	BH-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-71237-7	BH-2 (2.0')	Total/NA	Solid	8015 NM	
880-71237-8	BH-2 (3.0')	Total/NA	Solid	8015 NM	
880-71237-9	BH-2 (4.0')	Total/NA	Solid	8015 NM	
880-71237-10	BH-2 (5.0')	Total/NA	Solid	8015 NM	
880-71237-11	BH-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-71237-12	BH-3 (2.0')	Total/NA	Solid	8015 NM	
880-71237-13	BH-3 (3.0')	Total/NA	Solid	8015 NM	
880-71237-14	BH-3 (4.0')	Total/NA	Solid	8015 NM	
880-71237-15	BH-3 (5.0')	Total/NA	Solid	8015 NM	

Analysis Batch: 139898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Total/NA	Solid	8015B NM	139936
880-71237-2	BH-1 (2.0')	Total/NA	Solid	8015B NM	139936
880-71237-3	BH-1 (3.0')	Total/NA	Solid	8015B NM	139936
880-71237-4	BH-1 (4.0')	Total/NA	Solid	8015B NM	139936
880-71237-5	BH-1 (5.0')	Total/NA	Solid	8015B NM	139936
MB 880-139936/1-A	Method Blank	Total/NA	Solid	8015B NM	139936
LCS 880-139936/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	139936
LCSD 880-139936/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	139936
880-71235-A-1-I MS	Matrix Spike	Total/NA	Solid	8015B NM	139936
880-71235-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	139936

Prep Batch: 139936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-71237-2	BH-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-71237-3	BH-1 (3.0')	Total/NA	Solid	8015NM Prep	
880-71237-4	BH-1 (4.0')	Total/NA	Solid	8015NM Prep	
880-71237-5	BH-1 (5.0')	Total/NA	Solid	8015NM Prep	
MB 880-139936/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-139936/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-139936/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-71235-A-1-I MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-71235-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

HPLC/IC

Leach Batch: 138654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-71237-2	BH-1 (2.0')	Soluble	Solid	DI Leach	
880-71237-3	BH-1 (3.0')	Soluble	Solid	DI Leach	
880-71237-4	BH-1 (4.0')	Soluble	Solid	DI Leach	
880-71237-5	BH-1 (5.0')	Soluble	Solid	DI Leach	
880-71237-6	BH-2 (0-1.0')	Soluble	Solid	DI Leach	
880-71237-7	BH-2 (2.0')	Soluble	Solid	DI Leach	
880-71237-8	BH-2 (3.0')	Soluble	Solid	DI Leach	
880-71237-9	BH-2 (4.0')	Soluble	Solid	DI Leach	
880-71237-10	BH-2 (5.0')	Soluble	Solid	DI Leach	
MB 880-138654/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138654/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138654/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71237-1 MS	BH-1 (0-1.0')	Soluble	Solid	DI Leach	
880-71237-1 MSD	BH-1 (0-1.0')	Soluble	Solid	DI Leach	

Leach Batch: 138655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-11	BH-3 (0-1.0')	Soluble	Solid	DI Leach	
880-71237-12	BH-3 (2.0')	Soluble	Solid	DI Leach	
880-71237-13	BH-3 (3.0')	Soluble	Solid	DI Leach	
880-71237-14	BH-3 (4.0')	Soluble	Solid	DI Leach	
880-71237-15	BH-3 (5.0')	Soluble	Solid	DI Leach	
MB 880-138655/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-138655/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-138655/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-71237-11 MS	BH-3 (0-1.0')	Soluble	Solid	DI Leach	
880-71237-11 MSD	BH-3 (0-1.0')	Soluble	Solid	DI Leach	

Analysis Batch: 138741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-1	BH-1 (0-1.0')	Soluble	Solid	300.0	138654
880-71237-2	BH-1 (2.0')	Soluble	Solid	300.0	138654
880-71237-3	BH-1 (3.0')	Soluble	Solid	300.0	138654
880-71237-4	BH-1 (4.0')	Soluble	Solid	300.0	138654
880-71237-5	BH-1 (5.0')	Soluble	Solid	300.0	138654
880-71237-6	BH-2 (0-1.0')	Soluble	Solid	300.0	138654
880-71237-7	BH-2 (2.0')	Soluble	Solid	300.0	138654
880-71237-8	BH-2 (3.0')	Soluble	Solid	300.0	138654
880-71237-9	BH-2 (4.0')	Soluble	Solid	300.0	138654
880-71237-10	BH-2 (5.0')	Soluble	Solid	300.0	138654
MB 880-138654/1-A	Method Blank	Soluble	Solid	300.0	138654
LCS 880-138654/2-A	Lab Control Sample	Soluble	Solid	300.0	138654
LCSD 880-138654/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138654
880-71237-1 MS	BH-1 (0-1.0')	Soluble	Solid	300.0	138654
880-71237-1 MSD	BH-1 (0-1.0')	Soluble	Solid	300.0	138654

Analysis Batch: 138742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-11	BH-3 (0-1.0')	Soluble	Solid	300.0	138655
880-71237-12	BH-3 (2.0')	Soluble	Solid	300.0	138655

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 138742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-71237-13	BH-3 (3.0')	Soluble	Solid	300.0	138655
880-71237-14	BH-3 (4.0')	Soluble	Solid	300.0	138655
880-71237-15	BH-3 (5.0')	Soluble	Solid	300.0	138655
MB 880-138655/1-A	Method Blank	Soluble	Solid	300.0	138655
LCS 880-138655/2-A	Lab Control Sample	Soluble	Solid	300.0	138655
LCSD 880-138655/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	138655
880-71237-11 MS	BH-3 (0-1.0')	Soluble	Solid	300.0	138655
880-71237-11 MSD	BH-3 (0-1.0')	Soluble	Solid	300.0	138655



Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-71237-1

Date Collected: 04/21/26 08:30

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 00:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	05/05/26 21:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139936	05/05/26 11:53	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 21:09	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 18:40	SMC	EET MID

Client Sample ID: BH-1 (2.0')

Lab Sample ID: 880-71237-2

Date Collected: 04/21/26 08:32

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	139324	05/01/26 02:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 02:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	05/05/26 21:25	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	139936	05/05/26 11:53	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 21:25	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 19:11	SMC	EET MID

Client Sample ID: BH-1 (3.0')

Lab Sample ID: 880-71237-3

Date Collected: 04/21/26 08:34

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	139324	05/01/26 03:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 03:04	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	05/05/26 21:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	139936	05/05/26 11:53	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 21:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 19:21	SMC	EET MID

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71237-4

Date Collected: 04/21/26 08:36

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	139324	05/01/26 03:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 03:25	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-1 (4.0')

Lab Sample ID: 880-71237-4

Date Collected: 04/21/26 08:36

Matrix: Solid

Date Received: 04/21/26 14:12

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			139293	05/05/26 21:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	139936	05/05/26 11:53	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 21:53	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 19:52	SMC	EET MID

Client Sample ID: BH-1 (5.0')

Lab Sample ID: 880-71237-5

Date Collected: 04/21/26 08:38

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	139324	05/01/26 03:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 03:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	05/05/26 22:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	139936	05/05/26 11:53	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139898	05/05/26 22:07	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 20:02	SMC	EET MID

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

Lab Sample ID: 880-71237-6

Date Collected: 04/21/26 09:16

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 01:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 01:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 17:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 17:42	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 20:12	SMC	EET MID

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71237-7

Date Collected: 04/21/26 09:18

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 01:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 01:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 18:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 18:43	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-2 (2.0')

Lab Sample ID: 880-71237-7

Date Collected: 04/21/26 09:18

Matrix: Solid

Date Received: 04/21/26 14:12

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	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 20:23	SMC	EET MID

Client Sample ID: BH-2 (3.0')

Lab Sample ID: 880-71237-8

Date Collected: 04/21/26 09:20

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 01:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 19:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 19:04	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 20:33	SMC	EET MID

Client Sample ID: BH-2 (4.0')

Lab Sample ID: 880-71237-9

Date Collected: 04/21/26 09:22

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 02:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 19:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 19:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 20:43	SMC	EET MID

Client Sample ID: BH-2 (5.0')

Lab Sample ID: 880-71237-10

Date Collected: 04/21/26 09:24

Matrix: Solid

Date Received: 04/21/26 14:12

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 02:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 02:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 19:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 19:45	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	138654	04/22/26 16:13	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138741	04/23/26 20:54	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-3 (0-1.0')**Lab Sample ID: 880-71237-11****Date Collected: 04/21/26 09:50****Matrix: Solid****Date Received: 04/21/26 14:12**

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 06:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 06:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 20:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 20:05	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	138655	04/22/26 16:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138742	04/23/26 21:33	CS	EET MID

Client Sample ID: BH-3 (2.0')**Lab Sample ID: 880-71237-12****Date Collected: 04/21/26 09:52****Matrix: Solid****Date Received: 04/21/26 14:12**

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 07:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 07:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 20:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 20:26	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	138655	04/22/26 16:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138742	04/23/26 21:49	CS	EET MID

Client Sample ID: BH-3 (3.0')**Lab Sample ID: 880-71237-13****Date Collected: 04/21/26 09:54****Matrix: Solid****Date Received: 04/21/26 14:12**

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 07:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 07:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 20:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 20:46	FC	EET MID
Soluble	Leach	DI Leach			4.999 g	50 mL	138655	04/22/26 16:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138742	04/23/26 21:54	CS	EET MID

Client Sample ID: BH-3 (4.0')**Lab Sample ID: 880-71237-14****Date Collected: 04/21/26 09:56****Matrix: Solid****Date Received: 04/21/26 14:12**

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	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 07:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 07:54	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Client Sample ID: BH-3 (4.0')
Date Collected: 04/21/26 09:56
Date Received: 04/21/26 14:12

Lab Sample ID: 880-71237-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			139293	04/27/26 21:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 21:06	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	138655	04/22/26 16:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138742	04/23/26 21:59	CS	EET MID

Client Sample ID: BH-3 (5.0')
Date Collected: 04/21/26 09:58
Date Received: 04/21/26 14:12

Lab Sample ID: 880-71237-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	139229	04/28/26 11:45	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	139324	05/01/26 08:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			139626	05/01/26 08:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			139293	04/27/26 21:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	138533	04/21/26 18:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	139153	04/27/26 21:26	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	138655	04/22/26 16:14	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	138742	04/23/26 22:05	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: State JR #1 (08.21.2023)

Job ID: 880-71237-1
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: State JR #1 (08.21.2023)

Job ID: 880-71237-1
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: State JR #1 (08.21.2023)

Job ID: 880-71237-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-71237-1	BH-1 (0-1.0')	Solid	04/21/26 08:30	04/21/26 14:12	Texas
880-71237-2	BH-1 (2.0')	Solid	04/21/26 08:32	04/21/26 14:12	Texas
880-71237-3	BH-1 (3.0')	Solid	04/21/26 08:34	04/21/26 14:12	Texas
880-71237-4	BH-1 (4.0')	Solid	04/21/26 08:36	04/21/26 14:12	Texas
880-71237-5	BH-1 (5.0')	Solid	04/21/26 08:38	04/21/26 14:12	Texas
880-71237-6	BH-2 (0-1.0')	Solid	04/21/26 09:16	04/21/26 14:12	Texas
880-71237-7	BH-2 (2.0')	Solid	04/21/26 09:18	04/21/26 14:12	Texas
880-71237-8	BH-2 (3.0')	Solid	04/21/26 09:20	04/21/26 14:12	Texas
880-71237-9	BH-2 (4.0')	Solid	04/21/26 09:22	04/21/26 14:12	Texas
880-71237-10	BH-2 (5.0')	Solid	04/21/26 09:24	04/21/26 14:12	Texas
880-71237-11	BH-3 (0-1.0')	Solid	04/21/26 09:50	04/21/26 14:12	Texas
880-71237-12	BH-3 (2.0')	Solid	04/21/26 09:52	04/21/26 14:12	Texas
880-71237-13	BH-3 (3.0')	Solid	04/21/26 09:54	04/21/26 14:12	Texas
880-71237-14	BH-3 (4.0')	Solid	04/21/26 09:56	04/21/26 14:12	Texas
880-71237-15	BH-3 (5.0')	Solid	04/21/26 09:58	04/21/26 14:12	Texas



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Chain of Custody



880-71237 Chain of Custody

Page 1 of 2

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

Work Order Comments	
Program: UST/PST	PRP Brownfields hrc
State of Project:	Level II Level III ST/UST RRP Level IV
Reporting Level II	Level III ST/UST RRP Level IV
Deliverables: EDD	ADAPT Other:

Project Name:	State JR #1 (08.21.2023)	Tum Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	3216	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O		
Project Location:	Lee County, New Mexico	Due Date:	Standard TAT													Cool: Cool	MeOH: Me		
Sampler's Name:	JDC															HCL: HC	HNO ₃ : HN		
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐													H ₃ PO ₄ : HP		
Received Intact:	Yes ☒ No ☐	Thermometer ID:	7125														NaHSO ₄ : NABIS		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	.1														Na ₂ S ₂ O ₃ : NaSO ₃		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	4.1														Zn Acetate+NaOH: Zn		
Total Containers:		Corrected Temperature:	4.2														NaOH+Ascorbic Acid: SACP		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
BH-1 (0-1.0')	4/21/2026	8:30	X		G	1	X	X	X										
BH-1 (2.0')	4/21/2026	8:32	X		G	1	X	X	X										
BH-1 (3.0')	4/21/2026	8:34	X		G	1	X	X	X										
BH-1 (4.0')	4/21/2026	8:36	X		G	1	X	X	X										
BH-1 (5.0')	4/21/2026	8:38	X		G	1	X	X	X										
BH-2 (0-1.0')	4/21/2026	9:16	X		G	1	X	X	X										
BH-2 (2.0')	4/21/2026	9:18	X		G	1	X	X	X										
BH-2 (3.0')	4/21/2026	9:20	X		G	1	X	X	X										
BH-2 (4.0')	4/21/2026	9:22	X		G	1	X	X	X										
BH-2 (5.0')	4/21/2026	9:24	X		G	1	X	X	X										

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	4/21/26 14:12	<i>[Signature]</i>	4/21/26 14:12

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Chain of Custody

Work Order No: _____

Page 2 of 2

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

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Rowfields ☐ IRC ☐ Iperfund ☐	
State of Project:	
Reporting Level: I ☐ Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:				Turn Around		ANALYSIS REQUEST										Preservative Codes	
State JR #1 (08/21/2023)				☒ Routine	☐ Rush	Pres. Code										None: NO	DI Water: H ₂ O
Project Number: 3216				Due Date:		Standard TAT										Cool: Cool	MeOH: Me
Project Location: Lea County, New Mexico				Sampler's Name:		JDC										HCL: HC	HNO ₃ : HN
PO #:				Temp Blank:		Yes ☒ No ☐	Wet Ice:		Yes ☒ No ☐	Parameters						Hold	
Received Intact:				Thermometer ID:		TR5	Correction Factor:		4.1	BTEX 8021B						NaHSO ₄ : HP	
Colder Custody Seals:				Temperature Reading:		4.1	Corrected Temperature:		4.2	TPH 8015M (GRO + DRO + MRO)						Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:				Total Containers:		4.2				Chloride 300.0						Zn Acetate+NaOH: Zn	
																NaOH+Ascorbic Acid: SPC	
Sample Identification				Date	Time	Soil	Water	Grab/Comp	# of Cont							Sample Comments	
BH-3 (0-1.0')				4/21/2026	9:50	X		G	1	X	X	X					
BH-3 (2.0')				4/21/2026	9:52	X		G	1	X	X	X					
BH-3 (3.0')				4/21/2026	9:54	X		G	1	X	X	X					
BH-3 (4.0')				4/21/2026	9:56	X		G	1	X	X	X					
BH-3 (5.0')				4/21/2026	9:58	X		G	1	X	X	X					

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	4/21/26 14:12		4/21/26 14:12

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-71237-1

SDG Number: Lea County New Mexico

Login Number: 71237

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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



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 6/15/2026 4:42:46 PM

JOB DESCRIPTION

State JR # 1 (08.21.2023)
Lea County New Mexico

JOB NUMBER

880-73576-1

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
6/15/2026 4:42:46 PM

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

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Laboratory Job ID: 880-73576-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: State JR # 1 (08.21.2023)

Job ID: 880-73576-1

Job ID: 880-73576-1

Eurofins Midland

Job Narrative 880-73576-1

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 6/12/2026 2:52 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 6.3°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143489 and analytical batch 880-143485 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 1 (4.5') (880-73576-1), CS - 5 (4.5') (880-73576-5) and (880-73211-A-1-E). Evidence of matrix interferences is not obvious.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-143503/2-A) and (LCSD 880-143503/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 1 (4.5')

Lab Sample ID: 880-73576-1

Date Collected: 06/12/26 08:30

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/13/26 16:46	06/14/26 01:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/14/26 01:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/14/26 01:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/13/26 16:46	06/14/26 01:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/14/26 01:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/13/26 16:46	06/14/26 01:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	06/13/26 16:46	06/14/26 01:35	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/13/26 16:46	06/14/26 01:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/14/26 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	53.4		50.3		mg/Kg			06/15/26 11:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		06/15/26 07:30	06/15/26 11:28	1
Diesel Range Organics (Over C10-C28)	53.4		50.3		mg/Kg		06/15/26 07:30	06/15/26 11:28	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		06/15/26 07:30	06/15/26 11:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	06/15/26 07:30	06/15/26 11:28	1
o-Terphenyl (Surr)	103		70 - 130	06/15/26 07:30	06/15/26 11:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		10.0		mg/Kg			06/15/26 09:26	1

Client Sample ID: CS - 2 (4.5')

Lab Sample ID: 880-73576-2

Date Collected: 06/12/26 08:32

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/13/26 16:46	06/14/26 01:55	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/26 16:46	06/14/26 01:55	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/13/26 16:46	06/14/26 01:55	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/13/26 16:46	06/14/26 01:55	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/13/26 16:46	06/14/26 01:55	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/13/26 16:46	06/14/26 01:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/13/26 16:46	06/14/26 01:55	1
1,4-Difluorobenzene (Surr)	93		70 - 130	06/13/26 16:46	06/14/26 01:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 2 (4.5')

Lab Sample ID: 880-73576-2

Date Collected: 06/12/26 08:32

Matrix: Solid

Date Received: 06/12/26 14:52

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			06/14/26 01:55	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			06/15/26 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/15/26 07:30	06/15/26 12:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/15/26 07:30	06/15/26 12:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/15/26 07:30	06/15/26 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				06/15/26 07:30	06/15/26 12:09	1
o-Terphenyl (Surr)	102		70 - 130				06/15/26 07:30	06/15/26 12:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		10.1		mg/Kg			06/15/26 09:41	1

Client Sample ID: CS - 3 (4.5')

Lab Sample ID: 880-73576-3

Date Collected: 06/12/26 08:34

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/13/26 16:46	06/14/26 02:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/13/26 16:46	06/14/26 02:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/13/26 16:46	06/14/26 02:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/13/26 16:46	06/14/26 02:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/13/26 16:46	06/14/26 02:16	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/13/26 16:46	06/14/26 02:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				06/13/26 16:46	06/14/26 02:16	1
1,4-Difluorobenzene (Surr)	86		70 - 130				06/13/26 16:46	06/14/26 02:16	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			06/14/26 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	<50.1	U	50.1		mg/Kg			06/15/26 12:23	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	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 12:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 12:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 3 (4.5')

Lab Sample ID: 880-73576-3

Date Collected: 06/12/26 08:34

Matrix: Solid

Date Received: 06/12/26 14:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130				06/15/26 07:30	06/15/26 12:23	1
o-Terphenyl (Surr)	94		70 - 130				06/15/26 07:30	06/15/26 12:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.5		10.1		mg/Kg			06/15/26 09:46	1

Client Sample ID: CS - 4 (4.5')

Lab Sample ID: 880-73576-4

Date Collected: 06/12/26 08:36

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/13/26 16:46	06/14/26 02:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/13/26 16:46	06/14/26 02:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/13/26 16:46	06/14/26 02:37	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/13/26 16:46	06/14/26 02:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/13/26 16:46	06/14/26 02:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/13/26 16:46	06/14/26 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				06/13/26 16:46	06/14/26 02:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/13/26 16:46	06/14/26 02:37	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			06/14/26 02:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.2		50.0		mg/Kg			06/15/26 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 12:37	1
Diesel Range Organics (Over C10-C28)	50.2		50.0		mg/Kg		06/15/26 07:30	06/15/26 12:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 12:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				06/15/26 07:30	06/15/26 12:37	1
o-Terphenyl (Surr)	98		70 - 130				06/15/26 07:30	06/15/26 12:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.0		9.98		mg/Kg			06/15/26 09:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 5 (4.5')

Lab Sample ID: 880-73576-5

Date Collected: 06/12/26 08:38

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/13/26 16:46	06/14/26 02:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/14/26 02:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/14/26 02:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/26 16:46	06/14/26 02:57	1
o-Xylene	0.00298		0.00200		mg/Kg		06/13/26 16:46	06/14/26 02:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/26 16:46	06/14/26 02:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	06/13/26 16:46	06/14/26 02:57	1
1,4-Difluorobenzene (Surr)	104		70 - 130	06/13/26 16:46	06/14/26 02:57	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			06/14/26 02:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/15/26 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 12:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 12:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 12:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	06/15/26 07:30	06/15/26 12:51	1
o-Terphenyl (Surr)	87		70 - 130	06/15/26 07:30	06/15/26 12:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		10.1		mg/Kg			06/15/26 09:56	1

Client Sample ID: CS - 6 (4.5')

Lab Sample ID: 880-73576-6

Date Collected: 06/12/26 09:16

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/13/26 16:46	06/14/26 03:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		06/13/26 16:46	06/14/26 03:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		06/13/26 16:46	06/14/26 03:18	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		06/13/26 16:46	06/14/26 03:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		06/13/26 16:46	06/14/26 03:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		06/13/26 16:46	06/14/26 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	06/13/26 16:46	06/14/26 03:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/13/26 16:46	06/14/26 03:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 6 (4.5')

Lab Sample ID: 880-73576-6

Date Collected: 06/12/26 09:16

Matrix: Solid

Date Received: 06/12/26 14:52

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			06/14/26 03:18	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			06/15/26 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	06/15/26 07:30	06/15/26 13:05	1
o-Terphenyl (Surr)	97		70 - 130	06/15/26 07:30	06/15/26 13:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		10.1		mg/Kg			06/15/26 10:11	1

Surrogate Summary

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
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)
880-73211-A-1-C MS	Matrix Spike	123	100
880-73211-A-1-D MSD	Matrix Spike Duplicate	123	97
880-73576-1	CS - 1 (4.5')	134 S1+	104
880-73576-2	CS - 2 (4.5')	118	93
880-73576-3	CS - 3 (4.5')	119	86
880-73576-4	CS - 4 (4.5')	118	96
880-73576-5	CS - 5 (4.5')	137 S1+	104
880-73576-6	CS - 6 (4.5')	126	95
LCS 880-143489/1-A	Lab Control Sample	102	98
LCSD 880-143489/2-A	Lab Control Sample Dup	89	102
MB 880-143489/5-A	Method Blank	106	86
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)
880-73576-1	CS - 1 (4.5')	99	103
880-73576-1 MS	CS - 1 (4.5')	111	98
880-73576-1 MSD	CS - 1 (4.5')	113	103
880-73576-2	CS - 2 (4.5')	101	102
880-73576-3	CS - 3 (4.5')	94	94
880-73576-4	CS - 4 (4.5')	96	98
880-73576-5	CS - 5 (4.5')	88	87
880-73576-6	CS - 6 (4.5')	100	97
LCS 880-143503/2-A	Lab Control Sample	77	66 S1-
LCSD 880-143503/3-A	Lab Control Sample Dup	73	62 S1-
MB 880-143503/1-A	Method Blank	85	85
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-143489/5-A

Matrix: Solid

Analysis Batch: 143485

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143489

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/13/26 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/13/26 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/13/26 19:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/26 16:46	06/13/26 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:46	06/13/26 19:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/26 16:46	06/13/26 19:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/13/26 16:46	06/13/26 19:11	1
1,4-Difluorobenzene (Surr)	86		70 - 130	06/13/26 16:46	06/13/26 19:11	1

Lab Sample ID: LCS 880-143489/1-A

Matrix: Solid

Analysis Batch: 143485

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143489

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1020		mg/Kg		102	70 - 130
Toluene	0.100	0.09635		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.09958		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1850		mg/Kg		92	70 - 130
o-Xylene	0.100	0.1058		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-143489/2-A

Matrix: Solid

Analysis Batch: 143485

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143489

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1069		mg/Kg		107	70 - 130	5	35
Toluene	0.100	0.09988		mg/Kg		100	70 - 130	4	35
Ethylbenzene	0.100	0.08808		mg/Kg		88	70 - 130	12	35
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09476		mg/Kg		95	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-73211-A-1-C MS

Matrix: Solid

Analysis Batch: 143485

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.03760	F1	mg/Kg		38	70 - 130
Toluene	<0.00200	U F1	0.100	0.03217	F1	mg/Kg		32	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-73211-A-1-C MS

Matrix: Solid

Analysis Batch: 143485

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143489

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.02514	F1	mg/Kg		25	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.05514	F1	mg/Kg		28	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04350	F1	mg/Kg		43	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-73211-A-1-D MSD

Matrix: Solid

Analysis Batch: 143485

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143489

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.03463	F1	mg/Kg		35	70 - 130	8	35
Toluene	<0.00200	U F1	0.100	0.03151	F1	mg/Kg		32	70 - 130	2	35
Ethylbenzene	<0.00200	U F1	0.100	0.02052	F1	mg/Kg		21	70 - 130	20	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.04453	F1	mg/Kg		22	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.100	0.04175	F1	mg/Kg		42	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-143503/1-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143503

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		06/15/26 07:30	06/15/26 09:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 09:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 09:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	06/15/26 07:30	06/15/26 09:47	1
o-Terphenyl (Surr)	85		70 - 130	06/15/26 07:30	06/15/26 09:47	1

Lab Sample ID: LCS 880-143503/2-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	752.9		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	1000	816.0		mg/Kg		82	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143503/2-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143503

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	77		70 - 130
o-Terphenyl (Surr)	66	S1-	70 - 130

Lab Sample ID: LCSD 880-143503/3-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	789.6		mg/Kg		79	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	826.3		mg/Kg		83	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	62	S1-	70 - 130

Lab Sample ID: 880-73576-1 MS

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: CS - 1 (4.5')

Prep Type: Total/NA

Prep Batch: 143503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	999	936.2		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	53.4		999	922.3		mg/Kg		87	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 880-73576-1 MSD

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: CS - 1 (4.5')

Prep Type: Total/NA

Prep Batch: 143503

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	<50.3	U	1000	962.6		mg/Kg		94	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	53.4		1000	988.2		mg/Kg		93	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	103		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-143476/1-A
Matrix: Solid
Analysis Batch: 143519

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			06/15/26 09:11	1

Lab Sample ID: LCS 880-143476/2-A
Matrix: Solid
Analysis Batch: 143519

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.2		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-143476/3-A
Matrix: Solid
Analysis Batch: 143519

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	248.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-73576-1 MS
Matrix: Solid
Analysis Batch: 143519

Client Sample ID: CS - 1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	39.3		250	303.4		mg/Kg		106	90 - 110

Lab Sample ID: 880-73576-1 MSD
Matrix: Solid
Analysis Batch: 143519

Client Sample ID: CS - 1 (4.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.3		250	301.2		mg/Kg		105	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 143485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Total/NA	Solid	8021B	143489
880-73576-2	CS - 2 (4.5')	Total/NA	Solid	8021B	143489
880-73576-3	CS - 3 (4.5')	Total/NA	Solid	8021B	143489
880-73576-4	CS - 4 (4.5')	Total/NA	Solid	8021B	143489
880-73576-5	CS - 5 (4.5')	Total/NA	Solid	8021B	143489
880-73576-6	CS - 6 (4.5')	Total/NA	Solid	8021B	143489
MB 880-143489/5-A	Method Blank	Total/NA	Solid	8021B	143489
LCS 880-143489/1-A	Lab Control Sample	Total/NA	Solid	8021B	143489
LCSD 880-143489/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143489
880-73211-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	143489
880-73211-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143489

Prep Batch: 143489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Total/NA	Solid	5035	
880-73576-2	CS - 2 (4.5')	Total/NA	Solid	5035	
880-73576-3	CS - 3 (4.5')	Total/NA	Solid	5035	
880-73576-4	CS - 4 (4.5')	Total/NA	Solid	5035	
880-73576-5	CS - 5 (4.5')	Total/NA	Solid	5035	
880-73576-6	CS - 6 (4.5')	Total/NA	Solid	5035	
MB 880-143489/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143489/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143489/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73211-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-73211-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 143580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Total/NA	Solid	Total BTEX	
880-73576-2	CS - 2 (4.5')	Total/NA	Solid	Total BTEX	
880-73576-3	CS - 3 (4.5')	Total/NA	Solid	Total BTEX	
880-73576-4	CS - 4 (4.5')	Total/NA	Solid	Total BTEX	
880-73576-5	CS - 5 (4.5')	Total/NA	Solid	Total BTEX	
880-73576-6	CS - 6 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 143503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Total/NA	Solid	8015NM Prep	
880-73576-2	CS - 2 (4.5')	Total/NA	Solid	8015NM Prep	
880-73576-3	CS - 3 (4.5')	Total/NA	Solid	8015NM Prep	
880-73576-4	CS - 4 (4.5')	Total/NA	Solid	8015NM Prep	
880-73576-5	CS - 5 (4.5')	Total/NA	Solid	8015NM Prep	
880-73576-6	CS - 6 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-143503/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143503/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73576-1 MS	CS - 1 (4.5')	Total/NA	Solid	8015NM Prep	
880-73576-1 MSD	CS - 1 (4.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 143532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Total/NA	Solid	8015B NM	143503
880-73576-2	CS - 2 (4.5')	Total/NA	Solid	8015B NM	143503
880-73576-3	CS - 3 (4.5')	Total/NA	Solid	8015B NM	143503
880-73576-4	CS - 4 (4.5')	Total/NA	Solid	8015B NM	143503
880-73576-5	CS - 5 (4.5')	Total/NA	Solid	8015B NM	143503
880-73576-6	CS - 6 (4.5')	Total/NA	Solid	8015B NM	143503
MB 880-143503/1-A	Method Blank	Total/NA	Solid	8015B NM	143503
LCS 880-143503/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143503
LCSD 880-143503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143503
880-73576-1 MS	CS - 1 (4.5')	Total/NA	Solid	8015B NM	143503
880-73576-1 MSD	CS - 1 (4.5')	Total/NA	Solid	8015B NM	143503

Analysis Batch: 143617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Total/NA	Solid	8015 NM	
880-73576-2	CS - 2 (4.5')	Total/NA	Solid	8015 NM	
880-73576-3	CS - 3 (4.5')	Total/NA	Solid	8015 NM	
880-73576-4	CS - 4 (4.5')	Total/NA	Solid	8015 NM	
880-73576-5	CS - 5 (4.5')	Total/NA	Solid	8015 NM	
880-73576-6	CS - 6 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 143476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Soluble	Solid	DI Leach	
880-73576-2	CS - 2 (4.5')	Soluble	Solid	DI Leach	
880-73576-3	CS - 3 (4.5')	Soluble	Solid	DI Leach	
880-73576-4	CS - 4 (4.5')	Soluble	Solid	DI Leach	
880-73576-5	CS - 5 (4.5')	Soluble	Solid	DI Leach	
880-73576-6	CS - 6 (4.5')	Soluble	Solid	DI Leach	
MB 880-143476/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143476/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143476/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-73576-1 MS	CS - 1 (4.5')	Soluble	Solid	DI Leach	
880-73576-1 MSD	CS - 1 (4.5')	Soluble	Solid	DI Leach	

Analysis Batch: 143519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73576-1	CS - 1 (4.5')	Soluble	Solid	300.0	143476
880-73576-2	CS - 2 (4.5')	Soluble	Solid	300.0	143476
880-73576-3	CS - 3 (4.5')	Soluble	Solid	300.0	143476
880-73576-4	CS - 4 (4.5')	Soluble	Solid	300.0	143476
880-73576-5	CS - 5 (4.5')	Soluble	Solid	300.0	143476
880-73576-6	CS - 6 (4.5')	Soluble	Solid	300.0	143476
MB 880-143476/1-A	Method Blank	Soluble	Solid	300.0	143476
LCS 880-143476/2-A	Lab Control Sample	Soluble	Solid	300.0	143476
LCSD 880-143476/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143476
880-73576-1 MS	CS - 1 (4.5')	Soluble	Solid	300.0	143476
880-73576-1 MSD	CS - 1 (4.5')	Soluble	Solid	300.0	143476

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 1 (4.5')

Lab Sample ID: 880-73576-1

Date Collected: 06/12/26 08:30

Matrix: Solid

Date Received: 06/12/26 14:52

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	143489	06/13/26 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143485	06/14/26 01:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143580	06/14/26 01:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			143617	06/15/26 11:28	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 11:28	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 09:26	CS	EET MID

Client Sample ID: CS - 2 (4.5')

Lab Sample ID: 880-73576-2

Date Collected: 06/12/26 08:32

Matrix: Solid

Date Received: 06/12/26 14:52

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	143489	06/13/26 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143485	06/14/26 01:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143580	06/14/26 01:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			143617	06/15/26 12:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 12:09	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 09:41	CS	EET MID

Client Sample ID: CS - 3 (4.5')

Lab Sample ID: 880-73576-3

Date Collected: 06/12/26 08:34

Matrix: Solid

Date Received: 06/12/26 14:52

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	143489	06/13/26 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143485	06/14/26 02:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143580	06/14/26 02:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			143617	06/15/26 12:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 12:23	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 09:46	CS	EET MID

Client Sample ID: CS - 4 (4.5')

Lab Sample ID: 880-73576-4

Date Collected: 06/12/26 08:36

Matrix: Solid

Date Received: 06/12/26 14:52

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	143489	06/13/26 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143485	06/14/26 02:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143580	06/14/26 02:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Client Sample ID: CS - 4 (4.5')

Lab Sample ID: 880-73576-4

Date Collected: 06/12/26 08:36

Matrix: Solid

Date Received: 06/12/26 14:52

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			143617	06/15/26 12:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 12:37	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 09:51	CS	EET MID

Client Sample ID: CS - 5 (4.5')

Lab Sample ID: 880-73576-5

Date Collected: 06/12/26 08:38

Matrix: Solid

Date Received: 06/12/26 14:52

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	143489	06/13/26 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143485	06/14/26 02:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143580	06/14/26 02:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			143617	06/15/26 12:51	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 12:51	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 09:56	CS	EET MID

Client Sample ID: CS - 6 (4.5')

Lab Sample ID: 880-73576-6

Date Collected: 06/12/26 09:16

Matrix: Solid

Date Received: 06/12/26 14:52

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	143489	06/13/26 16:46	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143485	06/14/26 03:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143580	06/14/26 03:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			143617	06/15/26 13:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 13:05	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 10:11	CS	EET MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
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 Texas NELAP T 104704400. 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: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
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: State JR # 1 (08.21.2023)

Job ID: 880-73576-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-73576-1	CS - 1 (4.5')	Solid	06/12/26 08:30	06/12/26 14:52	Texas
880-73576-2	CS - 2 (4.5')	Solid	06/12/26 08:32	06/12/26 14:52	Texas
880-73576-3	CS - 3 (4.5')	Solid	06/12/26 08:34	06/12/26 14:52	Texas
880-73576-4	CS - 4 (4.5')	Solid	06/12/26 08:36	06/12/26 14:52	Texas
880-73576-5	CS - 5 (4.5')	Solid	06/12/26 08:38	06/12/26 14:52	Texas
880-73576-6	CS - 6 (4.5')	Solid	06/12/26 09:16	06/12/26 14:52	Texas

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Chain of Custody



880-73576 Chain of Custody

880-73576 COC

6/15/2026

Page 1 of 1

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

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ RC ☐ Spentfund
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:		State JR #1 (08.21.2023)		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number:		3216		☐ Routine ☒ Rush		Pres. Code												None: NO	DI Water: H ₂ O
Project Location		Lea County, New Mexico		Due Date:		24 Hour												Cool: Cool	MeOH: Me
Sampler's Name:		JDC																HCL: HC	HNO ₃ : HN
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:		Yes ☒ No ☐		Wet Ice:		Yes ☒ No ☐										H ₃ PO ₄ : HP	
Received Intact:		Yes ☒ No ☐		Thermometer ID:				TK5										NaHSO ₄ : NABIS	
Cooler Custody Seals:		Yes ☒ No ☐		Correction Factor:				1										Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:		Yes ☒ No ☐		Temperature Reading:				4.2										Zn Acetate+NaOH: Zn	
Total Containers:				Corrected Temperature:				4.3										NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont						Sample Comments	
CS-1 (4.5)		6/12/2026		8:30		X				Comp		1		X		X			
CS-2 (4.5)		6/12/2026		8:32		X				Comp		1		X		X			
CS-3 (4.5)		6/12/2026		8:34		X				Comp		1		X		X			
CS-4 (4.5)		6/12/2026		8:36		X				Comp		1		X		X			
CS-5 (4.5)		6/12/2026		8:38		X				Comp		1		X		X			
CS-6 (4.5)		6/12/2026		9:16		X				Comp		1		X		X			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Laci Luig</i>	6.12.26 1452	<i>[Signature]</i>	6.12.26 1452

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-73576-1

SDG Number: Lea County New Mexico

Login Number: 73576

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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



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 6/15/2026 4:43:24 PM

JOB DESCRIPTION

State JR #1 (08.21.2023)
3216

JOB NUMBER

880-73594-1

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
6/15/2026 4:43:24 PM

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

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Laboratory Job ID: 880-73594-1
SDG: 3216

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Definitions/Glossary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: State JR #1 (08.21.2023)

Job ID: 880-73594-1

Job ID: 880-73594-1

Eurofins Midland

Job Narrative 880-73594-1

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 6/12/2026 2:52 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 6.3°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: SW - 1 (4.5') (880-73594-1), SW - 2 (4.5') (880-73594-2) and SW - 3 (4.5') (880-73594-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-143503/2-A) and (LCSD 880-143503/3-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Client Sample ID: SW - 1 (4.5')

Lab Sample ID: 880-73594-1

Date Collected: 06/12/26 08:40

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/15/26 09:47	06/15/26 12:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 12:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 12:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/15/26 09:47	06/15/26 12:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 12:13	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/15/26 09:47	06/15/26 12:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	06/15/26 09:47	06/15/26 12:13	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/15/26 09:47	06/15/26 12:13	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			06/15/26 12:13	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			06/15/26 13:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	06/15/26 07:30	06/15/26 13:19	1
o-Terphenyl (Surr)	97		70 - 130	06/15/26 07:30	06/15/26 13:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.9		10.1		mg/Kg			06/15/26 10:16	1

Client Sample ID: SW - 2 (4.5')

Lab Sample ID: 880-73594-2

Date Collected: 06/12/26 08:42

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/15/26 09:47	06/15/26 12:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/15/26 09:47	06/15/26 12:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/15/26 09:47	06/15/26 12:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/15/26 09:47	06/15/26 12:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/15/26 09:47	06/15/26 12:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/15/26 09:47	06/15/26 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	06/15/26 09:47	06/15/26 12:33	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/15/26 09:47	06/15/26 12:33	1

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Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Client Sample ID: SW - 2 (4.5')

Lab Sample ID: 880-73594-2

Date Collected: 06/12/26 08:42

Matrix: Solid

Date Received: 06/12/26 14:52

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			06/15/26 12:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/15/26 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 13:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 13:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/15/26 07:30	06/15/26 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				06/15/26 07:30	06/15/26 13:34	1
o-Terphenyl (Surr)	98		70 - 130				06/15/26 07:30	06/15/26 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.2		10.1		mg/Kg			06/15/26 10:21	1

Client Sample ID: SW - 3 (4.5')

Lab Sample ID: 880-73594-3

Date Collected: 06/12/26 08:44

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/15/26 09:47	06/15/26 12:54	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/15/26 09:47	06/15/26 12:54	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/15/26 09:47	06/15/26 12:54	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/15/26 09:47	06/15/26 12:54	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/15/26 09:47	06/15/26 12:54	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/15/26 09:47	06/15/26 12:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				06/15/26 09:47	06/15/26 12:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/15/26 09:47	06/15/26 12:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/15/26 12:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/15/26 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 13:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Client Sample ID: SW - 3 (4.5')

Lab Sample ID: 880-73594-3

Date Collected: 06/12/26 08:44

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/15/26 07:30	06/15/26 13:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				06/15/26 07:30	06/15/26 13:48	1
o-Terphenyl (Surr)	95		70 - 130				06/15/26 07:30	06/15/26 13:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.9		9.96		mg/Kg			06/15/26 10:25	1

Client Sample ID: SW - 4 (4.5')

Lab Sample ID: 880-73594-4

Date Collected: 06/12/26 08:50

Matrix: Solid

Date Received: 06/12/26 14:52

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		06/15/26 09:47	06/15/26 13:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/15/26 09:47	06/15/26 13:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/15/26 09:47	06/15/26 13:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/15/26 09:47	06/15/26 13:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/15/26 09:47	06/15/26 13:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/15/26 09:47	06/15/26 13:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				06/15/26 09:47	06/15/26 13:14	1
1,4-Difluorobenzene (Surr)	93		70 - 130				06/15/26 09:47	06/15/26 13:14	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			06/15/26 13:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	104		50.2		mg/Kg			06/15/26 14:03	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	<50.2	U	50.2		mg/Kg		06/15/26 07:30	06/15/26 14:03	1
Diesel Range Organics (Over C10-C28)	104		50.2		mg/Kg		06/15/26 07:30	06/15/26 14:03	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/15/26 07:30	06/15/26 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				06/15/26 07:30	06/15/26 14:03	1
o-Terphenyl (Surr)	102		70 - 130				06/15/26 07:30	06/15/26 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.4		10.1		mg/Kg			06/15/26 10:30	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

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)
880-73594-1	SW - 1 (4.5')	139 S1+	102
880-73594-1 MS	SW - 1 (4.5')	101	93
880-73594-1 MSD	SW - 1 (4.5')	119	98
880-73594-2	SW - 2 (4.5')	134 S1+	98
880-73594-3	SW - 3 (4.5')	142 S1+	100
880-73594-4	SW - 4 (4.5')	122	93
LCS 880-143529/1-A	Lab Control Sample	81	80
LCSD 880-143529/2-A	Lab Control Sample Dup	111	90
MB 880-143529/5-A	Method Blank	111	84
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)
880-73576-A-1-F MS	Matrix Spike	111	98
880-73576-A-1-G MSD	Matrix Spike Duplicate	113	103
880-73594-1	SW - 1 (4.5')	99	97
880-73594-2	SW - 2 (4.5')	100	98
880-73594-3	SW - 3 (4.5')	96	95
880-73594-4	SW - 4 (4.5')	105	102
LCS 880-143503/2-A	Lab Control Sample	77	66 S1-
LCSD 880-143503/3-A	Lab Control Sample Dup	73	62 S1-
MB 880-143503/1-A	Method Blank	85	85
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-143529/5-A
Matrix: Solid
Analysis Batch: 143515

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 143529

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 11:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 11:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 11:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/26 09:47	06/15/26 11:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:47	06/15/26 11:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/26 09:47	06/15/26 11:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	06/15/26 09:47	06/15/26 11:51	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/15/26 09:47	06/15/26 11:51	1

Lab Sample ID: LCS 880-143529/1-A
Matrix: Solid
Analysis Batch: 143515

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 143529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09132		mg/Kg		91	70 - 130
Toluene	0.100	0.08798		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09748		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1719		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08252		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: LCSD 880-143529/2-A
Matrix: Solid
Analysis Batch: 143515

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 143529

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1103		mg/Kg		110	70 - 130	19	35
Toluene	0.100	0.1094		mg/Kg		109	70 - 130	22	35
Ethylbenzene	0.100	0.09990		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1990		mg/Kg		99	70 - 130	15	35
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-73594-1 MS
Matrix: Solid
Analysis Batch: 143515

Client Sample ID: SW - 1 (4.5')
Prep Type: Total/NA
Prep Batch: 143529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1050		mg/Kg		105	70 - 130
Toluene	<0.00200	U	0.100	0.1038		mg/Kg		104	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

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

Lab Sample ID: 880-73594-1 MS

Matrix: Solid

Analysis Batch: 143515

Client Sample ID: SW - 1 (4.5')

Prep Type: Total/NA

Prep Batch: 143529

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09796		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1933		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.09837		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-73594-1 MSD

Matrix: Solid

Analysis Batch: 143515

Client Sample ID: SW - 1 (4.5')

Prep Type: Total/NA

Prep Batch: 143529

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1143		mg/Kg		114	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.1115		mg/Kg		111	70 - 130	7	35
Ethylbenzene	<0.00200	U	0.100	0.09771		mg/Kg		98	70 - 130	0	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2020		mg/Kg		101	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1054		mg/Kg		105	70 - 130	7	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-143503/1-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 143503

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		06/15/26 07:30	06/15/26 09:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 09:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/15/26 07:30	06/15/26 09:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	06/15/26 07:30	06/15/26 09:47	1
o-Terphenyl (Surr)	85		70 - 130	06/15/26 07:30	06/15/26 09:47	1

Lab Sample ID: LCS 880-143503/2-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143503

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	752.9		mg/Kg		75	70 - 130
Diesel Range Organics (Over C10-C28)	1000	816.0		mg/Kg		82	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

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

Lab Sample ID: LCS 880-143503/2-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143503

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	77		70 - 130
o-Terphenyl (Surr)	66	S1-	70 - 130

Lab Sample ID: LCSD 880-143503/3-A

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143503

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	789.6		mg/Kg		79	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	826.3		mg/Kg		83	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	62	S1-	70 - 130

Lab Sample ID: 880-73576-A-1-F MS

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143503

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	999	936.2		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	53.4		999	922.3		mg/Kg		87	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 880-73576-A-1-G MSD

Matrix: Solid

Analysis Batch: 143532

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143503

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	<50.3	U	1000	962.6		mg/Kg		94	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	53.4		1000	988.2		mg/Kg		93	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-143476/1-A
Matrix: Solid
Analysis Batch: 143519

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			06/15/26 09:11	1

Lab Sample ID: LCS 880-143476/2-A
Matrix: Solid
Analysis Batch: 143519

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.2		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-143476/3-A
Matrix: Solid
Analysis Batch: 143519

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	248.6		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-73576-A-1-B MS
Matrix: Solid
Analysis Batch: 143519

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	39.3		250	303.4		mg/Kg		106	90 - 110

Lab Sample ID: 880-73576-A-1-C MSD
Matrix: Solid
Analysis Batch: 143519

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.3		250	301.2		mg/Kg		105	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

GC VOA

Analysis Batch: 143515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Total/NA	Solid	8021B	143529
880-73594-2	SW - 2 (4.5')	Total/NA	Solid	8021B	143529
880-73594-3	SW - 3 (4.5')	Total/NA	Solid	8021B	143529
880-73594-4	SW - 4 (4.5')	Total/NA	Solid	8021B	143529
MB 880-143529/5-A	Method Blank	Total/NA	Solid	8021B	143529
LCS 880-143529/1-A	Lab Control Sample	Total/NA	Solid	8021B	143529
LCSD 880-143529/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143529
880-73594-1 MS	SW - 1 (4.5')	Total/NA	Solid	8021B	143529
880-73594-1 MSD	SW - 1 (4.5')	Total/NA	Solid	8021B	143529

Prep Batch: 143529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Total/NA	Solid	5035	
880-73594-2	SW - 2 (4.5')	Total/NA	Solid	5035	
880-73594-3	SW - 3 (4.5')	Total/NA	Solid	5035	
880-73594-4	SW - 4 (4.5')	Total/NA	Solid	5035	
MB 880-143529/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143529/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143529/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73594-1 MS	SW - 1 (4.5')	Total/NA	Solid	5035	
880-73594-1 MSD	SW - 1 (4.5')	Total/NA	Solid	5035	

Analysis Batch: 143616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Total/NA	Solid	Total BTEX	
880-73594-2	SW - 2 (4.5')	Total/NA	Solid	Total BTEX	
880-73594-3	SW - 3 (4.5')	Total/NA	Solid	Total BTEX	
880-73594-4	SW - 4 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 143503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Total/NA	Solid	8015NM Prep	
880-73594-2	SW - 2 (4.5')	Total/NA	Solid	8015NM Prep	
880-73594-3	SW - 3 (4.5')	Total/NA	Solid	8015NM Prep	
880-73594-4	SW - 4 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-143503/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143503/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73576-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-73576-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 143532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Total/NA	Solid	8015B NM	143503
880-73594-2	SW - 2 (4.5')	Total/NA	Solid	8015B NM	143503
880-73594-3	SW - 3 (4.5')	Total/NA	Solid	8015B NM	143503
880-73594-4	SW - 4 (4.5')	Total/NA	Solid	8015B NM	143503
MB 880-143503/1-A	Method Blank	Total/NA	Solid	8015B NM	143503
LCS 880-143503/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143503

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

GC Semi VOA (Continued)

Analysis Batch: 143532 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-143503/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143503
880-73576-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	143503
880-73576-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143503

Analysis Batch: 143618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Total/NA	Solid	8015 NM	
880-73594-2	SW - 2 (4.5')	Total/NA	Solid	8015 NM	
880-73594-3	SW - 3 (4.5')	Total/NA	Solid	8015 NM	
880-73594-4	SW - 4 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 143476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Soluble	Solid	DI Leach	
880-73594-2	SW - 2 (4.5')	Soluble	Solid	DI Leach	
880-73594-3	SW - 3 (4.5')	Soluble	Solid	DI Leach	
880-73594-4	SW - 4 (4.5')	Soluble	Solid	DI Leach	
MB 880-143476/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143476/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143476/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-73576-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-73576-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 143519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-73594-1	SW - 1 (4.5')	Soluble	Solid	300.0	143476
880-73594-2	SW - 2 (4.5')	Soluble	Solid	300.0	143476
880-73594-3	SW - 3 (4.5')	Soluble	Solid	300.0	143476
880-73594-4	SW - 4 (4.5')	Soluble	Solid	300.0	143476
MB 880-143476/1-A	Method Blank	Soluble	Solid	300.0	143476
LCS 880-143476/2-A	Lab Control Sample	Soluble	Solid	300.0	143476
LCSD 880-143476/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143476
880-73576-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	143476
880-73576-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	143476

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Client Sample ID: SW - 1 (4.5')

Lab Sample ID: 880-73594-1

Date Collected: 06/12/26 08:40

Matrix: Solid

Date Received: 06/12/26 14:52

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	143529	06/15/26 09:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143515	06/15/26 12:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143616	06/15/26 12:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			143618	06/15/26 13:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 13:19	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 10:16	CS	EET MID

Client Sample ID: SW - 2 (4.5')

Lab Sample ID: 880-73594-2

Date Collected: 06/12/26 08:42

Matrix: Solid

Date Received: 06/12/26 14:52

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	143529	06/15/26 09:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143515	06/15/26 12:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143616	06/15/26 12:33	SA	EET MID
Total/NA	Analysis	8015 NM		1			143618	06/15/26 13:34	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 13:34	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 10:21	CS	EET MID

Client Sample ID: SW - 3 (4.5')

Lab Sample ID: 880-73594-3

Date Collected: 06/12/26 08:44

Matrix: Solid

Date Received: 06/12/26 14:52

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	143529	06/15/26 09:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143515	06/15/26 12:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143616	06/15/26 12:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			143618	06/15/26 13:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 13:48	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 10:25	CS	EET MID

Client Sample ID: SW - 4 (4.5')

Lab Sample ID: 880-73594-4

Date Collected: 06/12/26 08:50

Matrix: Solid

Date Received: 06/12/26 14:52

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	143529	06/15/26 09:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143515	06/15/26 13:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143616	06/15/26 13:14	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Client Sample ID: SW - 4 (4.5')
Date Collected: 06/12/26 08:50
Date Received: 06/12/26 14:52

Lab Sample ID: 880-73594-4
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			143618	06/15/26 14:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	143503	06/15/26 07:30	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143532	06/15/26 14:03	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	143476	06/13/26 10:30	SI	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143519	06/15/26 10:30	CS	EET MID

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

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 Texas NELAP T104704400. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Carmona Resources
Project/Site: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

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: State JR #1 (08.21.2023)

Job ID: 880-73594-1
SDG: 3216

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-73594-1	SW - 1 (4.5')	Solid	06/12/26 08:40	06/12/26 14:52	Texas
880-73594-2	SW - 2 (4.5')	Solid	06/12/26 08:42	06/12/26 14:52	Texas
880-73594-3	SW - 3 (4.5')	Solid	06/12/26 08:44	06/12/26 14:52	Texas
880-73594-4	SW - 4 (4.5')	Solid	06/12/26 08:50	06/12/26 14:52	Texas

- 1
- 2
- 3
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- 5
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- 12
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- 14

Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Lugo
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8888	Email:	laci.lugo@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RC ☐ perfund ☐	
State of Project:	
Reporting: level II ☐ level III ☐ ST/UST ☐ RRP ☐ level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

[illegible]

Comments:

Comments:			
Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			
	6.12.26 1452		6.12.26 1452



880-73594 Chain of Custody

880 73594 (200



6/15/2026

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-73594-1

SDG Number: 3216

Login Number: 73594

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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

June 18, 2026

ASHTON THIELKE

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: STATE JR #1 (08.21.2023)

Enclosed are the results of analyses for samples received by the laboratory on 06/17/26 11:18.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C26-00106. 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/ga/lab_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: STATE JR #1 (08.21.2023)
Project Number: 3216
Project Manager: ASHTON THIELKE
Fax To:

Reported:
18-Jun-26 08:47

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BACKFILL SAMPLE	H263461-01	Soil	17-Jun-26 10:30	17-Jun-26 11:18

CASE NARRATIVE:

No labels with lot numbers on sample containers for traceability.

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

A handwritten signature in black ink, appearing to read "C. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: STATE JR #1 (08.21.2023)
Project Number: 3216
Project Manager: ASHTON THIELKE
Fax To:

Reported:
18-Jun-26 08:47

BACKFILL SAMPLE**H263461-01 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0	16.0	mg/kg	4	6061708	AC	17-Jun-26	4500-Cl-B
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	6061608	JH	17-Jun-26	8021B
Toluene*	<0.050	0.050	mg/kg	50	6061608	JH	17-Jun-26	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	6061608	JH	17-Jun-26	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	6061608	JH	17-Jun-26	8021B
Total BTEX	<0.300	0.300	mg/kg	50	6061608	JH	17-Jun-26	8021B

Surrogate: 4-Bromofluorobenzene (PID)	97.0 %	61.5-142	6061608	JH	17-Jun-26	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	6061721	MS	17-Jun-26	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	6061721	MS	17-Jun-26	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	6061721	MS	17-Jun-26	8015B

Surrogate: 1-Chlorooctane	83.6 %	47.1-117	6061721	MS	17-Jun-26	8015B
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Surrogate: 1-Chlorooctadecane	76.2 %	37.2-119	6061721	MS	17-Jun-26	8015B
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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: STATE JR #1 (08.21.2023)
Project Number: 3216
Project Manager: ASHTON THIELKE
Fax To:

Reported:
18-Jun-26 08:47

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 6061708 - 1:4 DI Water									
Blank (6061708-BLK1)				Prepared & Analyzed: 17-Jun-26					
Chloride	ND	16.0	mg/kg						
LCS (6061708-BS1)				Prepared & Analyzed: 17-Jun-26					
Chloride	416	16.0	mg/kg	400		104	80-120		
LCS Dup (6061708-BSD1)				Prepared & Analyzed: 17-Jun-26					
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20

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Analytical Results For:

CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: STATE JR #1 (08.21.2023)
Project Number: 3216
Project Manager: ASHTON THIELKE
Fax To:

Reported:
18-Jun-26 08:47

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6061608 - Volatiles**Blank (6061608-BLK1)**

Prepared: 16-Jun-26 Analyzed: 17-Jun-26

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		94.7	61.5-142			

LCS (6061608-BS1)

Prepared: 16-Jun-26 Analyzed: 17-Jun-26

Benzene	2.02	0.050	mg/kg	2.00		101	97.3-117			
Toluene	1.90	0.050	mg/kg	2.00		95.1	88.2-117			
Ethylbenzene	1.88	0.050	mg/kg	2.00		93.8	79.5-124			
m,p-Xylene	3.66	0.100	mg/kg	4.00		91.6	80-122			
o-Xylene	1.84	0.050	mg/kg	2.00		92.0	72-131			
Total Xylenes	5.50	0.150	mg/kg	6.00		91.7	77.7-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0457		mg/kg	0.0500		91.5	61.5-142			

LCS Dup (6061608-BSD1)

Prepared: 16-Jun-26 Analyzed: 17-Jun-26

Benzene	2.10	0.050	mg/kg	2.00		105	97.3-117	4.06	7.24	
Toluene	2.01	0.050	mg/kg	2.00		100	88.2-117	5.34	9.93	
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.0	79.5-124	5.38	12.1	
m,p-Xylene	3.87	0.100	mg/kg	4.00		96.7	80-122	5.41	12.5	
o-Xylene	1.94	0.050	mg/kg	2.00		97.0	72-131	5.33	13.1	
Total Xylenes	5.81	0.150	mg/kg	6.00		96.8	77.7-124	5.38	12.6	
Surrogate: 4-Bromofluorobenzene (PID)	0.0474		mg/kg	0.0500		94.9	61.5-142			

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CARMONA RESOURCES
310 W WALL ST, SUITE 500
MIDLAND TX, 79701

Project: STATE JR #1 (08.21.2023)
Project Number: 3216
Project Manager: ASHTON THIELKE
Fax To:

Reported:
18-Jun-26 08:47

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 6061721 - General Prep - Organics**Blank (6061721-BLK1)**

Prepared & Analyzed: 17-Jun-26

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.6	47.1-117			
Surrogate: 1-Chlorooctadecane	36.1		mg/kg	50.0		72.2	37.2-119			

LCS (6061721-BS1)

Prepared & Analyzed: 17-Jun-26

GRO C6-C10	208	10.0	mg/kg	200		104	78.8-120			
DRO >C10-C28	225	10.0	mg/kg	200		113	75.1-122			
Total TPH C6-C28	433	10.0	mg/kg	400		108	78.8-119			
Surrogate: 1-Chlorooctane	45.0		mg/kg	50.0		90.0	47.1-117			
Surrogate: 1-Chlorooctadecane	41.7		mg/kg	50.0		83.5	37.2-119			

LCS Dup (6061721-BS1)

Prepared & Analyzed: 17-Jun-26

GRO C6-C10	194	10.0	mg/kg	200		97.0	78.8-120	6.72	9.59	
DRO >C10-C28	209	10.0	mg/kg	200		105	75.1-122	7.31	9.89	
Total TPH C6-C28	404	10.0	mg/kg	400		101	78.8-119	7.03	9.22	
Surrogate: 1-Chlorooctane	42.5		mg/kg	50.0		85.0	47.1-117			
Surrogate: 1-Chlorooctadecane	39.7		mg/kg	50.0		79.4	37.2-119			

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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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Work Order No: 7243410

Page 1 of 1

Work Order Comments	
Program: UST/PST ☐ PRP ☐ rownlands ☐ RC ☐ perfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐	
Deliverables: EDD ☐ ADAPT ☐ Other: ☐	

[illegible]

No label

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	08-17-2010		
	11/18		

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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 597373

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2323430246
Incident Name	NAPP2323430246 WELL - STATE JR #1 @ 30-025-29348
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-29348] STATE JR #001

Location of Release Source

Please answer all the questions in this group.

Site Name	WELL - STATE JR #1
Date Release Discovered	08/21/2023
Surface Owner	State

Incident Details

Please answer all the questions in this group.

Incident Type	Oil 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	Cause: Equipment Failure Producing Well Crude Oil Released: 25 BBL Recovered: 10 BBL Lost: 15 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Where: State JR #1 When: Monday 8/21/23 (3pm) Est bbls: 25bbls oil Recovered: 10bbls Incident: While Operator was making his rounds, noticed oil coming from Horizon HT. Upon inspection, fire tube had developed a hole and was dripping on the ground (burner was not in service). Action: Well was shut in and isolated (single well battery) Cause: Corrosion

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QUESTIONS, Page 2

Action 597373

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/19/2026
--	--

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QUESTIONS, Page 3

Action 597373

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	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	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (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 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1000 (ft.) and ½ (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)	57
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2520
GRO+DRO (EPA SW-846 Method 8015M)	2400
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	06/11/2026
On what date will (or did) the final sampling or liner inspection occur	06/12/2026
On what date will (or was) the remediation complete(d)	06/12/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1140
What is the estimated volume (in cubic yards) that will be remediated	180
<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 597373

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	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	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/19/2026
<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 597373

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	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 597373

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	592512
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/12/2026
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	1000

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	1140
What was the total volume (cubic yards) remediated	180
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The site was assessed and remediated per NMAC 19.15.29.12 Table 1 strictest standards. Nearby water well was verified to be capped. The area was backfilled with nearby caliche from landowner.
<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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/19/2026

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 7

Action 597373

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597373
	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 597373

CONDITIONS

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CONDITIONS

Created By	Condition	Condition Date
nvez	None	7/7/2026