



SITE INFORMATION

Remediation Work Plan & Deferral Report
Lea Fed East BT20021 (03.04.2022)
Incident ID: nAPP2206348945
Lea County, New Mexico
Unit P, Sec 12, T20S, R34E
32.581831°, -103.508037°

Crude Oil Release

Point of Release: Corrosion in Production Tank
Release Date: 03.04.2022
Volume Released: 258 Barrels of Crude Oil
Volume Recovered: 124 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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April 10, 2026

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

**Re: Remediation Work Plan & Deferral Report
Lea Fed East BT20021 (03.04.2022)
Incident ID: nAPP2206348945
Coterra Energy Operating Co.
Site Location: Unit P, S12, T20S, R34E
(Lat 32.581831°, Long -103.508037°)
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 Lea Fed East BT20021 release. The site is located at 32.581831°, -103.508037° within Unit P, S12, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release (NOR) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 4, 2022, due to corrosion in a production tank. It resulted in approximately two hundred fifty-eight (258) barrels of crude oil being released within the tank battery containment, with one hundred twenty-four (124) barrels of crude oil recovered. 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 no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is approximately 0.46 miles West of the site in S13, T20S, R34E, and was drilled in 2025. The GWDB was drilled to a depth of 60 feet below the ground surface (ft bgs), with groundwater detected at 52 ft bgs. A copy of the well log and plugging 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: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 10,000 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On February 13, 2025, Carmona Resources personnel performed site assessment activities via an air rotary rig to evaluate soil impacts stemming from the release. A total of four (4) borehole samples (BH-1 through BH-4) and four (4) horizontal samples (H-1 through H-4) were installed to total depths ranging from surface to 15 ft bgs inside and surrounding the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories 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 areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Horizontal Delineation

Horizontal delineation was achieved in all areas for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

5.0 Proposed Excavation Activities

Based on the analytical data and the detected chloride & TPH concentrations, Coterra proposes to remediate the areas shown in Figure 4 and highlighted (in blue) in Table 1.

- The area of BH-1 will be excavated to a depth of 1.5 ft bgs and backfilled with clean, laboratory tested material to surface grade.
- The areas of BH-3 and BH-4 will be excavated to a depth of 4.5 ft bgs and backfilled with clean, laboratory tested material to surface grade.
- Approximately 3,781 square feet, resulting in an estimated 641 cubic yards of contamination, will be removed and hauled to the nearest disposal based on the maximum depth of the release.
- Once the site activities and excavation are complete, the areas will be backfilled with clean laboratory tested material to surface grade. The remediation will be implemented 90 days after the work plan is approved.

Once the remediation activities are completed, the excavated areas will be backfilled with clean laboratory tested material to surface grade. A composite sample of the backfill material will be collected for laboratory analysis before being utilized. Approximately 3,781 square feet of contamination will be remediated, resulting in an estimated 641 cubic yards of material to be excavated and transported off site for proper disposal.

Deferment Area

A 5 ft buffer zone from Coterra's tank batteries, surface equipment, and utilities will be deferred per 19.15.29.12.C.2 NMAC. To remove all contaminated material, major facility deconstruction would have to take place. Removing soil within that buffer zone could potentially cause structural instability and result in additional releases in the future, as backfill material can shift and settle over time. The entire tank battery is located within the very sandy areas of Southeast Lea Co, New Mexico and digging within 5 ft of the tanks will cause cave ins. Approximately 4,870 square feet, resulting in an estimated 993 cubic yards (based on the maximum depth of 5.5 ft bgs), of contamination will be left under the tank battery facility. Refer to Table 2 and Figure 5.



6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,
Carmona Resources, LLC

A handwritten signature in black ink, appearing to read "Ashton".

Ashton Thielke
Director of Operations

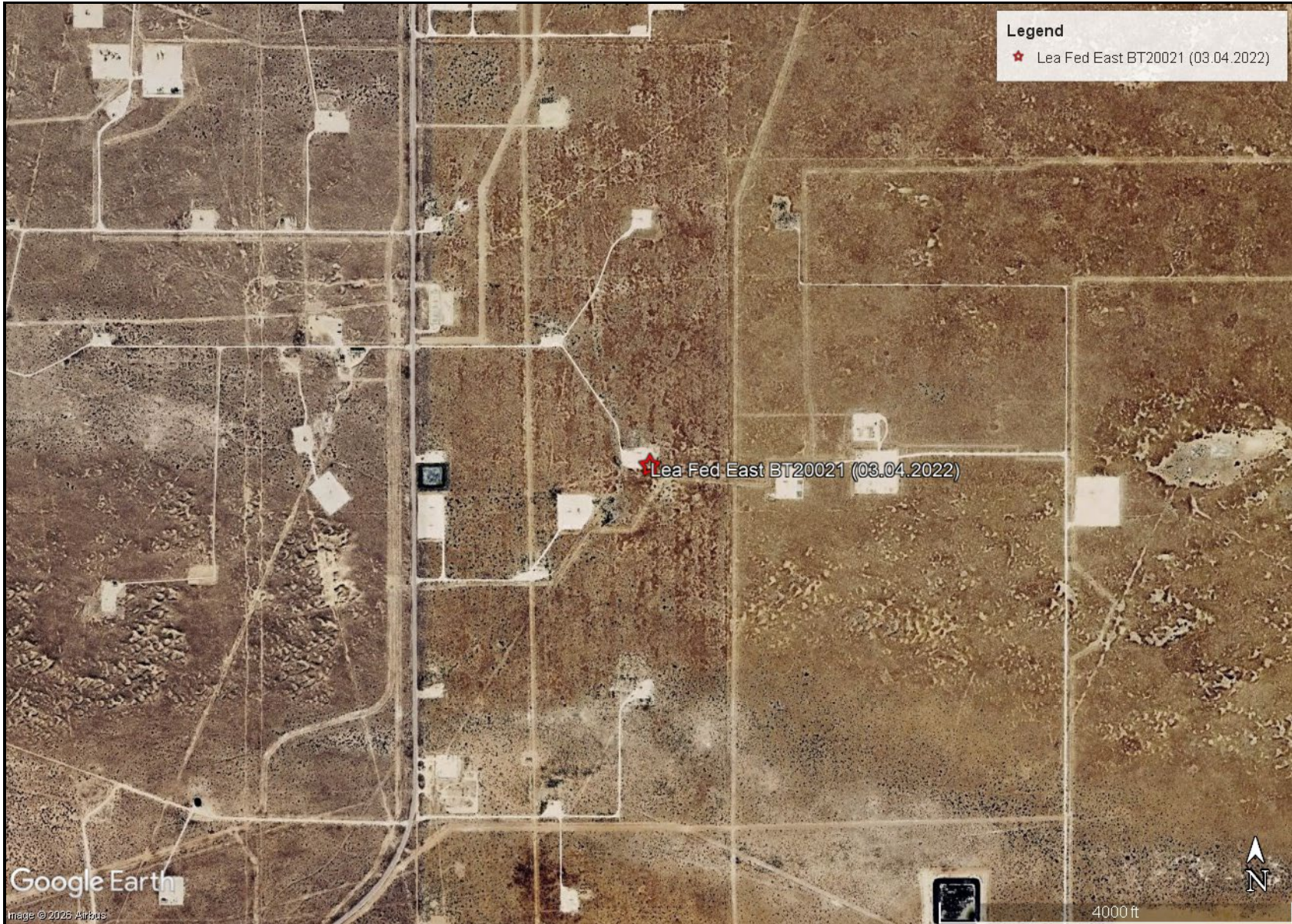
A handwritten signature in black ink, appearing to read "Gilbert Priego".

Gilbert Priego
Project Manager

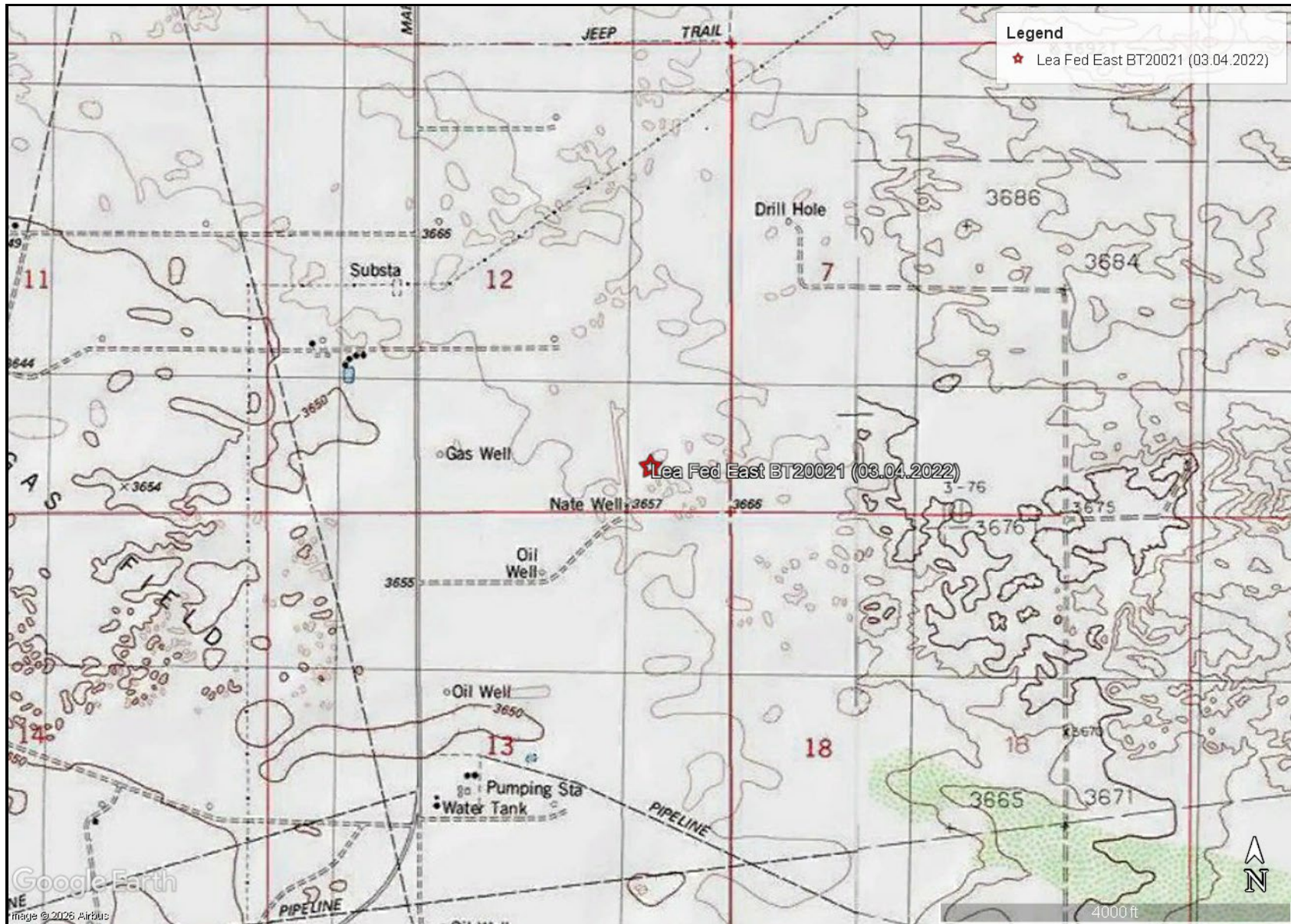
FIGURES

CARMONA RESOURCES





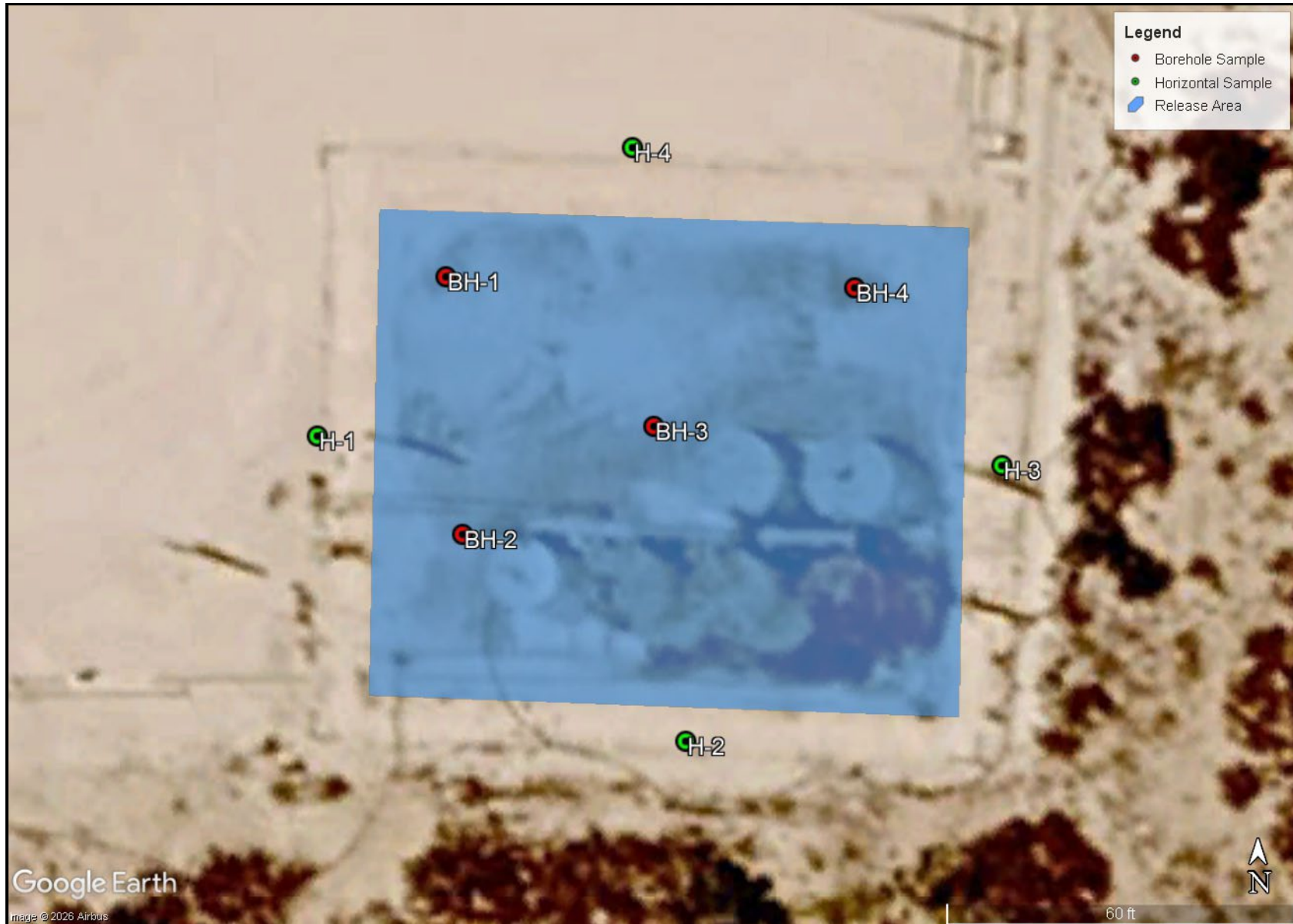
<p>OVERVIEW MAP COTERRA ENERGY OPERATING CO. LEA FED EAST BT20021 (03.04.2022) LEA COUNTY, NEW MEXICO 32.581831°, -103.508037°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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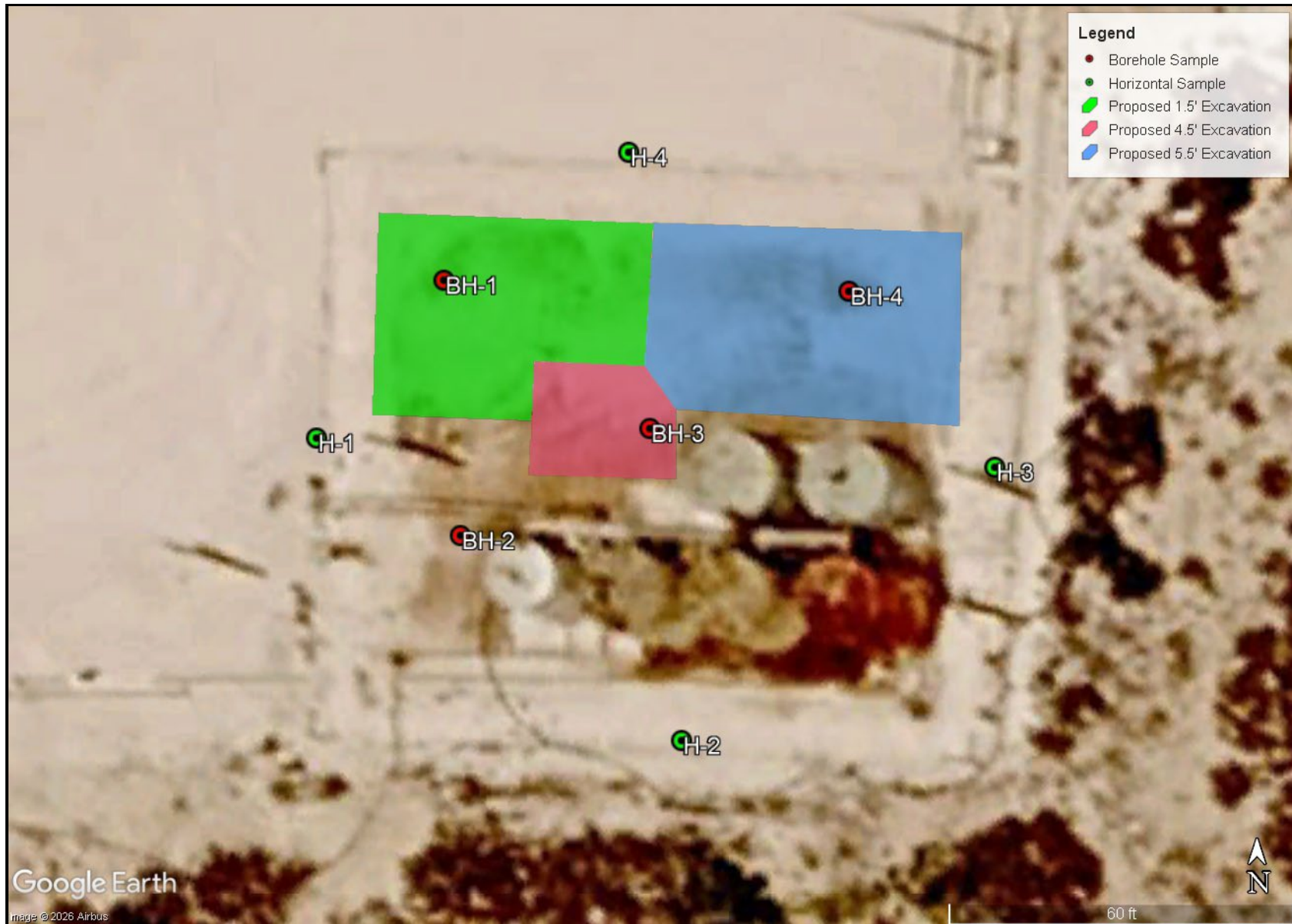
TOPOGRAPHIC MAP
 COTERRA ENERGY OPERATING CO.
 LEA FED EAST BT20021 (03.04.2022)
 LEA COUNTY, NEW MEXICO
 32.581831°, -103.508037°



FIGURE 2



<p>SAMPLE LOCATION MAP COTERRA ENERGY OPERATING CO. LEA FED EAST BT20021 (03.04.2022) LEA COUNTY, NEW MEXICO 32.581831°, -103.508037°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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Google Earth

Image © 2026 Airbus

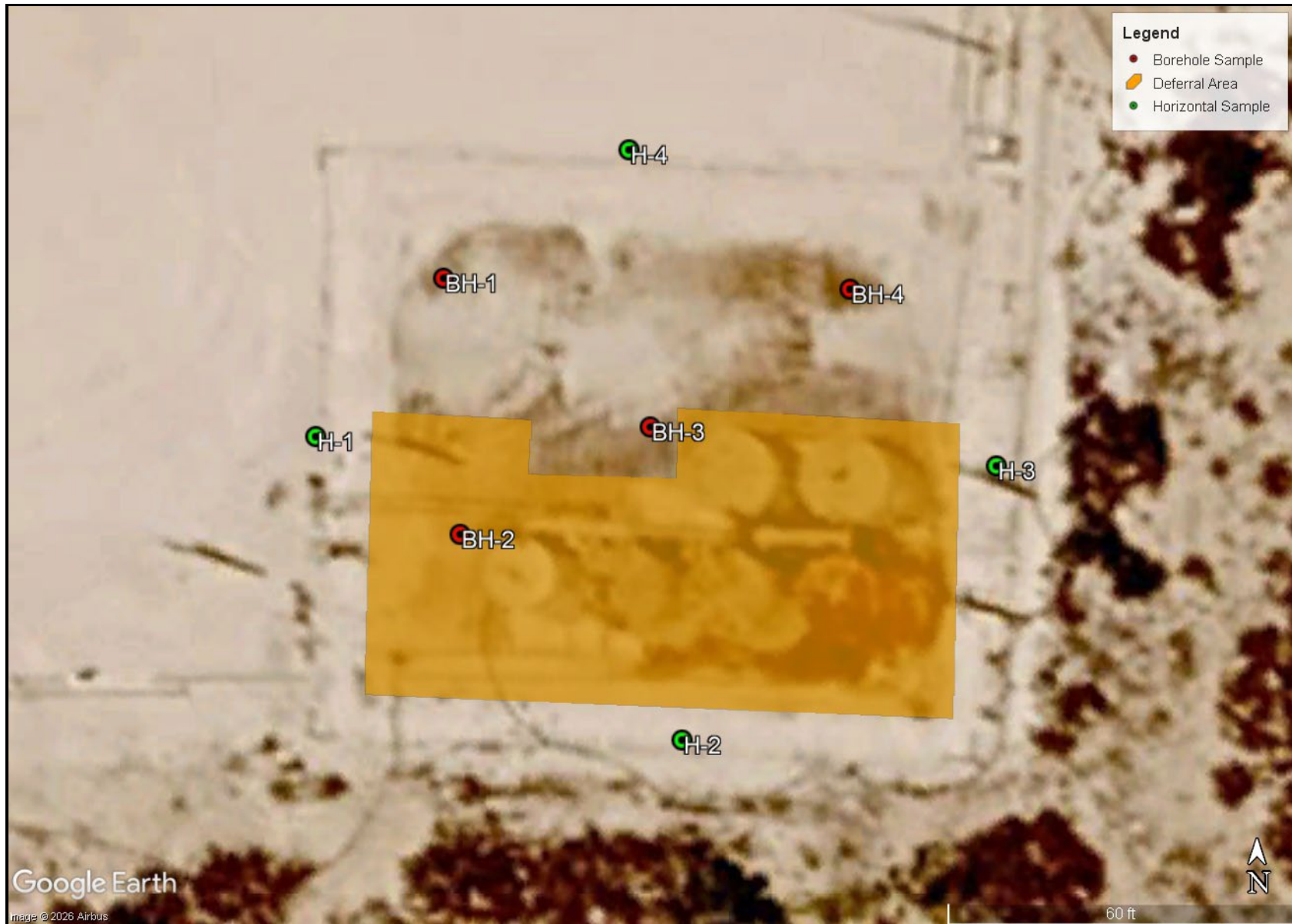
60 ft


PROPOSED EXCAVATION DEPTH MAP
COTERRA ENERGY OPERATING CO.
LEA FED EAST BT20021 (03.04.2022)
LEA COUNTY, NEW MEXICO
32.581831°, -103.508037°

CARMONA RESOURCES



FIGURE 4



<p>DEFERRAL AREA MAP COTERRA ENERGY OPERATING CO. LEA FED EAST BT20021 (03.04.2022) LEA COUNTY, NEW MEXICO 32.581831°, -103.508037°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
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APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
Lea Fed East BT20021 (03.04.2022)
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	2/13/2026	0-1'	<250	2,390	<250	2,390	<0.00200	<0.00200	<0.00200	0.00666	0.00666	78.9
	"	2'	<50.0	57.2	<50.0	57.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	57.8
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	0.00679	0.00679	72.4
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	177
	"	5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	253
	"	6'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	99.3
		7'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	35.0
BH-2	2/13/2026	0-1'	1,080	4,830	407	6,320	0.0112	0.358	0.242	1.01	1.62	663
	"	2'	251	2,520	193	2,960	<0.00199	0.0448	0.0585	0.285	0.388	381
	"	3'	142	1,920	101	2,160	<0.00198	0.0101	0.0214	0.116	0.147	314
	"	4'	69.6	1,690	<50.0	1,760	<0.0396	0.0432	0.140	0.459	0.642	157
	"	5'	<50.0	903	<50.0	903	<0.0399	<0.0399	0.137	0.369	0.506	141
	"	6'	<49.8	135	<49.8	135	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	128
	"	7'	<50.0	158	<50.0	158	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	191
	"	8'	<49.9	147	<49.9	147	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	137
	"	9'	<50.0	185	<50.0	185	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	80.5
"	10'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	65.7	
		15'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	981
BH-3	2/13/2026	0-1'	<50.0	3,600	702	4,300	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	677
	"	2'	<49.8	795	656	1,450	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	325
	"	3'	<49.8	270	<49.8	270	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	389
	"	4'	<50.0	139	88.8	228	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	360
	"	5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	518
	"	6'	<50.1	59.8	<50.1	59.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	446
	"	7'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	460
	"	8'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	496
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	491
"	10'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	527	
BH-4	2/13/2026	0-1'	83.5	1,060	110	1,250	0.00266	0.0187	0.0127	0.302	0.336	30.8
	"	2'	872	5,350	283	6,510	<0.0402	1.94	0.747	7.48	10.2	13.4
	"	3'	946	5,560	255	6,760	<0.0404	1.89	0.848	8.65	11.4	13.6
	"	4'	723	3,880	<249	4,600	<0.0398	0.0613	1.21	20.4	21.6	<10.0
	"	5'	774	3,670	<250	4,440	<0.0396	<0.0396	7.21	26.9	31.8	10.4
	"	6'	75.1	756	<49.8	831	<0.00201	0.0394	0.0250	0.0552	0.120	18.7
	"	7'	<50.0	222	<50.0	222	<0.00202	0.0107	0.0106	0.0175	0.0388	44.6
	"	8'	<49.9	70.2	<49.9	70.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.4
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	0.0118	0.0118	27.3
"	10'	<49.9	80.1	<49.9	80.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	15.8	
Regulatory Criteria^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg		50 mg/kg		10,000 mg/kg	

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(BH) - Borehole Sample

Proposed Excavation

Deferral

Table 1
Coterra Energy Operating Co.
Lea Fed East BT20021 (03.04.2022)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)	
			GRO	DRO	MRO	Total							
H-1	2/13/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.90	
H-2	2/13/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0	
H-3	2/13/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.90	
H-4	2/13/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	232	
<i>Regulatory Criteria^A</i>							100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(H) - Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:
View South, area of BH-1.



Photograph No. 2

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:
View North, area of BH-2.

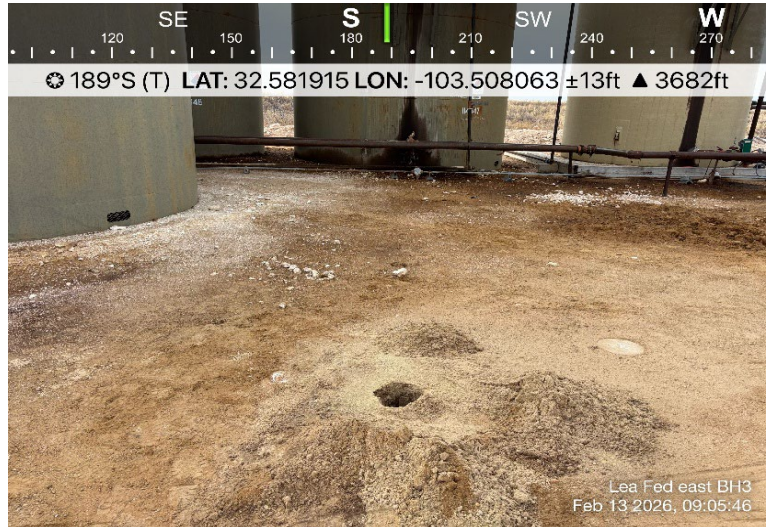


Photograph No. 3

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:
View South, area of BH-3.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:
View North, area of BH-4.



Photograph No. 5

Facility: Lea Fed East BT20021
(03.04.2022)

County: Lea County, New Mexico

Description:
View Southeast of tank battery facility.



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 87216

QUESTIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all of the questions in this group.</i>	
Site Name	{fAPP2135051899} Lea Fed East BT20021
Date Release Discovered	03/04/2022
Surface Owner	Private

Incident Details	
<i>Please answer all of the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Production Tank Crude Oil Released: 258 BBL Recovered: 124 BBL Lost: 134 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)	The spilled oil was contained inside the earthen berm around the production tanks at the battery and 124 bbls was recovered and returned to the other tanks onsite.

District I
1625 N. French Dr., Hobbs, NM 88240
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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, Page 2

Action 87216

QUESTIONS (continued)

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	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	<ul style="list-style-type: none"> Unauthorized release of a volume, excluding gases, of 25 barrels or more
If YES, was immediate notice given to the OCD, by whom	Dwight Mallory
If YES, was immediate notice given to the OCD, to whom	Mike Bratcher
If YES, was immediate notice given to the OCD, when	03/04/2022
If YES, was immediate notice given to the OCD, by what means (phone, email, etc.)	email

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

District I
 1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 87216

ACKNOWLEDGMENTS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

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

CONDITIONS
 Action 87216

CONDITIONS

Operator: LEGACY RESERVES OPERATING, LP 15 Smith Road Midland, TX 79705	OGRID: 240974
	Action Number: 87216
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
malloryd01	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/4/2022

APPENDIX D





CARMONA RESOURCES



Nearest water well

Coterra Enegy

Legend

-  0.46 Miles
-  0.50 Mile Radius
-  Groundwater Determination Bore
-  Lea Fed East BT20021 (03.04.2022)



Low Karst

Coterra Energy

Legend

- Lea Fed East BT20021 (03.04.2022)
- Low

Lea Fed East BT20021 (03.04.2022)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *	●	78	60		
CP 02092 POD1		CP	LE	NE	NE	NW	13	20S	34E	639320.6	3605662.2	●	754	60	52	8
CP 02083 POD1		CP	LE	SE	NW	NW	12	20S	34E	638959.6	3607049.5	●	1563	105		
L 04157		L	LE		SW	SW	06	20S	35E	640483.0	3607561.0 *	●	1709	70	64	6
CP 02095 POD1		CP	LE	NE	NW	SE	24	20S	34E	639936.5	3603209.7	●	2704	105		
CP 00665		CP	LE		NW	SE	24	20S	34E	639740.0	3603128.0 *	●	2799	698	270	428
CP 00655 POD1		CP	LE		SW	NW	14	20S	34E	637294.0	3605108.0 *	●	2854	210		
L 15987 POD1		L	LE	NW	NW	SE	19	20S	35E	641197.3	3603153.5	●	2994	105		
CP 00800 POD1		CP	LE	NE	NE	NE	22	20S	34E	637007.0	3603994.0 *	●	3582	220		
L 04158		L	LE		NE	SE	05	20S	35E	643290.0	3608008.0 *	●	3873	70	64	6
CP 01204 POD1		CP	LE	SW	NW	NW	25	20S	34E	638755.1	3602250.6	●	3877	370		

Average Depth to Water: **112 feet**

Minimum Depth: **52 feet**

Maximum Depth: **270 feet**

Record Count: 11

UTM Filters (in meters):

Easting: 640033.00

Northing: 3605912.00

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.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-02092	
	WELL OWNER NAME(S) Coterra Energy Co.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE TX
					ZIP 77024	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 34	SECONDS 46.8	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
	LONGITUDE 103	30	56.4	W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S13 T20s R34e						

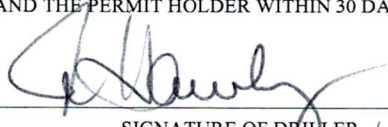
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 11-17-25	DRILLING ENDED 11-17-25	DEPTH OF COMPLETED WELL (FT) 60'	BORE HOLE DEPTH (FT) 60'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 11-25-25		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0'	60'	6'	No casing left in hole				

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

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)			
FILE NO.	POD NO.	TRN NO.			
LOCATION	WELL TAG ID NO.	PAGE 1 OF 2			

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
	0'	10'	10'	Sand	Y	✓ N	
	10'	20'	10'	Sandy Caliche	Y	✓ N	
	20'	45'	25'	Sand	Y	✓ N	
	45'	60'	15'	Sandy Red Clay	✓ Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
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					Y	N	
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					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
					Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input checked="" type="checkbox"/> OTHER - SPECIFY: DTGW Bore					TOTAL ESTIMATED WELL YIELD (gpm): 0.00		

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
	MISCELLANEOUS INFORMATION: Depth to groundwater bore was gauged for water on 11-25-25. DTGW bore was wet at 52'. Temporary well casing was removed, bore hole was plugged by Tremie with hydrated bentonite hole plug to surface.	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Nathan Smelcer	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME	James Hawley _____ DATE
		12-1-25

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	POD NO.	TRN NO.	
LOCATION	WELL TAG ID NO.	PAGE 2 OF 2	



PLUGGING RECORD



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

I. GENERAL / WELL OWNERSHIP:

State Engineer Well Number: CP-02092

Well owner: Coterra Energy Co.

Phone No.: 432-208-3035

Mailing address: 840 Gessner Rd. Ste. 1400

City: Houston

State: TX

Zip code: 77024-4152

II. WELL PLUGGING INFORMATION:

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

2) New Mexico Well Driller License No.: WD-1862

Expiration Date: 6/16/27

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

Nathan Smelcer

4) Date well plugging began: 11/25/25

Date well plugging concluded: 11/25/25

5) GPS Well Location: Latitude: 32 deg, 34 min, 46.8 sec

Longitude: 103 deg, 30 min, 56.4 sec, WGS 84

6) Depth of well confirmed at initiation of plugging as: 60' ft below ground level (bgl),
by the following manner: Well Sounder

7) Static water level measured at initiation of plugging: 52' ft bgl

8) Date well plugging plan of operations was approved by the State Engineer: 9/29/25

9) Were all plugging activities consistent with an approved plugging plan? no If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

In the approved plugging plan, we were planning on plugging from 105' BGS to surface. We did encounter water during drilling at 52', driller stopped at 60'. The well is plugged from 60' BGS to surface with hydrated bentonite hole plug.

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

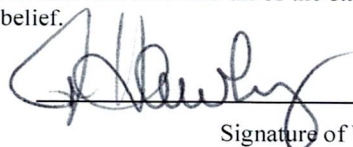
For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0' - 60'	Hydrated Bentonite	Approx. 39 gallons	39 gallons	Tremie Pipe	

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

III. SIGNATURE:

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



 Signature of Well Driller

12/1/25

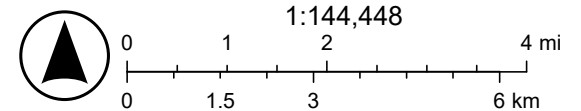
 Date

Lea Fed East BT20021 (03.04.2022)



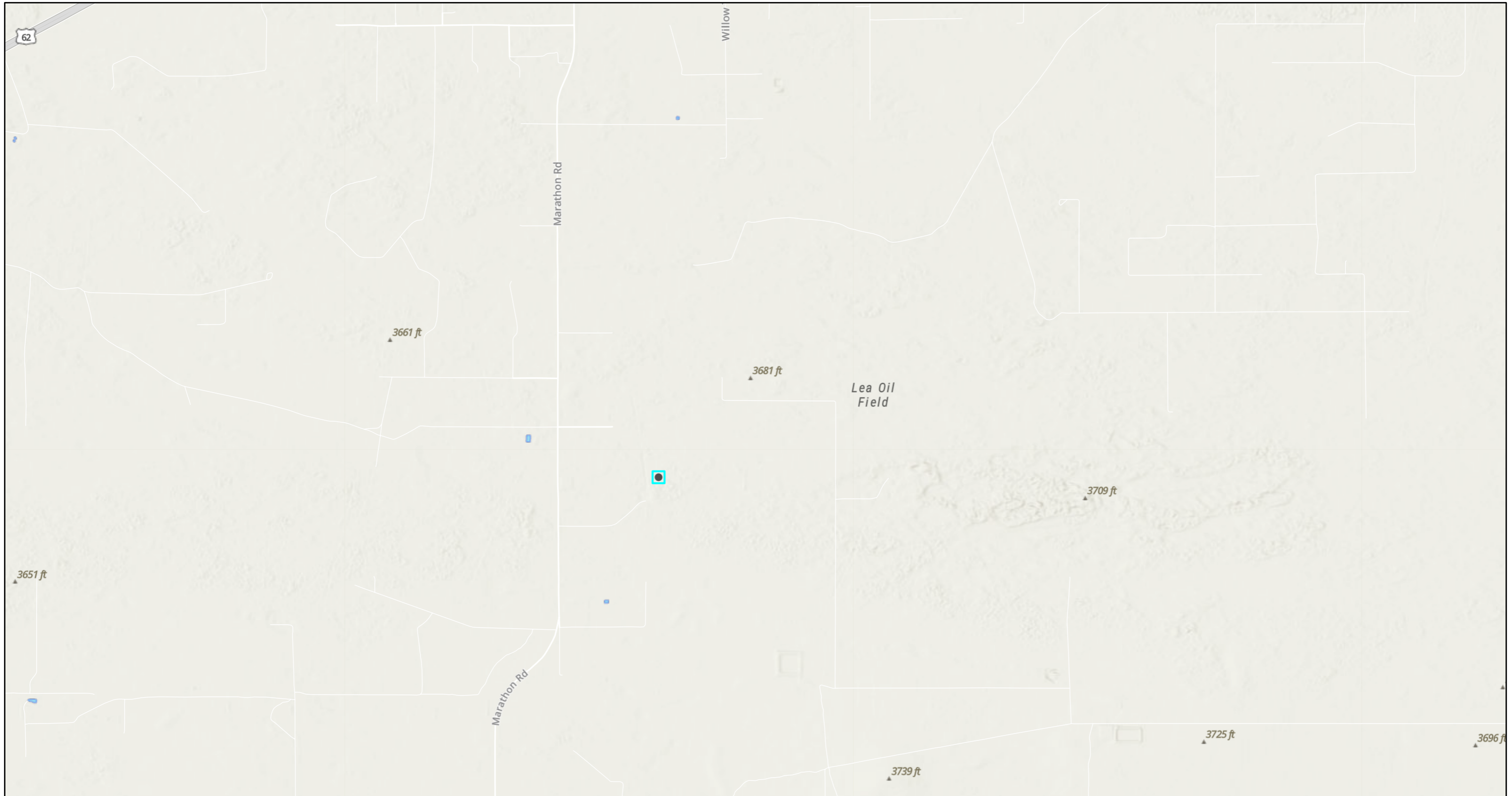
2/3/2026

World_Hillshade



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

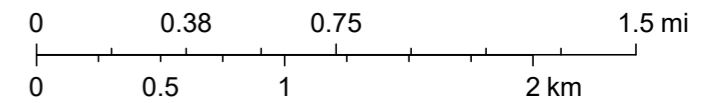
Lea Fed East BT20021 (03.04.2022)



2/3/2026, 2:06:01 PM

 OSW Water Bodys

1:36,112

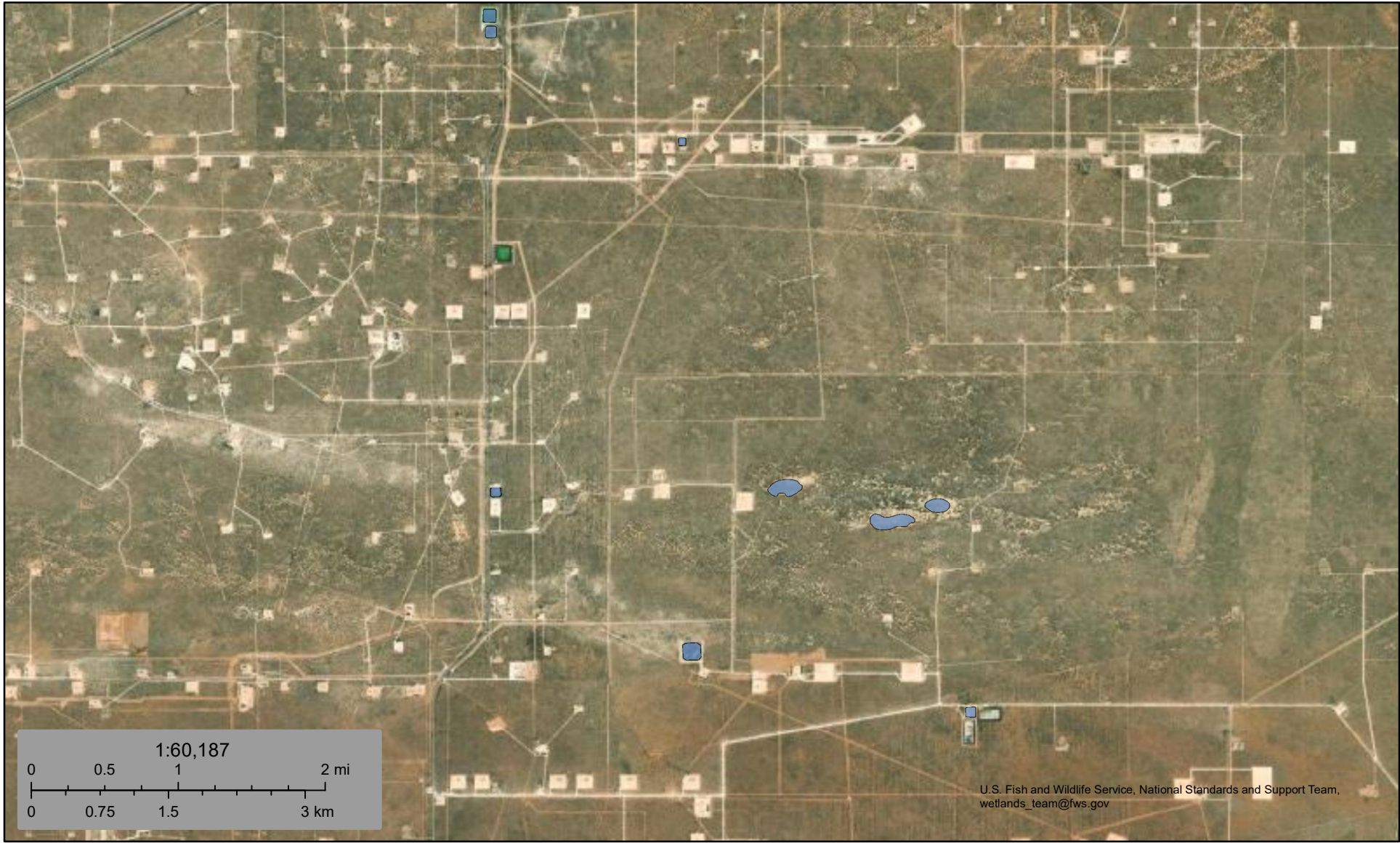


Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, NM OSE





U.S. Fish and Wildlife Service
National Wetlands Inventory




Lea Fed East BT20021 (03.04.2022)






February 3, 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 2/19/2026 2:13:11 PM

JOB DESCRIPTION

Lea Fed East BT20021
 Lea County New Mexico

JOB NUMBER

880-68243-1

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
2/19/2026 2:13:11 PM

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

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Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Laboratory Job ID: 880-68243-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
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.
F2	MS/MSD RPD 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: Lea Fed East BT20021

Job ID: 880-68243-1

Job ID: 880-68243-1

Eurofins Midland

Job Narrative 880-68243-1

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 2/13/2026 11:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: BH - 1 (0-1') (880-68243-1), BH - 2 (0-1') (880-68243-8), BH - 2 (2') (880-68243-9) and BH - 2 (3') (880-68243-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-68243-A-1-C MS) and (880-68243-A-1-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-132181 and analytical batch 880-132045 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH - 2 (6') (880-68243-13). Evidence of matrix interferences is not obvious.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH - 2 (4') (880-68243-11) and BH - 2 (5') (880-68243-12). 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 samples were outside control limits: BH - 2 (0-1') (880-68243-8), BH - 2 (2') (880-68243-9) and BH - 2 (3') (880-68243-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH - 1 (0-1') (880-68243-1), (880-68242-A-10-D MS) and (880-68242-A-10-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131772/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: BH - 2 (4') (880-68243-11), BH - 3 (0-1') (880-68243-19) and BH - 3 (9') (880-68243-27). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68243-A-11-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-131773

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Lea Fed East BT20021

Job ID: 880-68243-1

Job ID: 880-68243-1 (Continued)

Eurofins Midland

and analytical batch 880-132163 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was 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 880-131762 and analytical batch 880-131870 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.

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Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 22:08	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
m-Xylene & p-Xylene	0.00666	F2 F1	0.00399		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/17/26 09:11	02/17/26 22:08	1
Xylenes, Total	0.00666	F2 F1	0.00399		mg/Kg		02/17/26 09:11	02/17/26 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	02/17/26 09:11	02/17/26 22:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/17/26 09:11	02/17/26 22:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00666		0.00399		mg/Kg			02/17/26 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2390		250		mg/Kg			02/17/26 22:42	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	<250	U	250		mg/Kg		02/13/26 14:04	02/17/26 22:42	5
Diesel Range Organics (Over C10-C28)	2390		250		mg/Kg		02/13/26 14:04	02/17/26 22:42	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		02/13/26 14:04	02/17/26 22:42	5
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	124		70 - 130	02/13/26 14:04	02/17/26 22:42	5			
o-Terphenyl (Surr)	186	S1+	70 - 130	02/13/26 14:04	02/17/26 22:42	5			

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.9		10.1		mg/Kg			02/16/26 13:33	1

Client Sample ID: BH - 1 (2')

Lab Sample ID: 880-68243-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 22:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/17/26 22:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/17/26 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	02/17/26 09:11	02/17/26 22:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/17/26 09:11	02/17/26 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (2')

Lab Sample ID: 880-68243-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/17/26 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.2		50.0		mg/Kg			02/17/26 22:57	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		02/13/26 14:04	02/17/26 22:57	1
Diesel Range Organics (Over C10-C28)	57.2		50.0		mg/Kg		02/13/26 14:04	02/17/26 22:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:04	02/17/26 22:57	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:04	02/17/26 22:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.8		10.0		mg/Kg			02/16/26 14:19	1

Client Sample ID: BH - 1 (3')

Lab Sample ID: 880-68243-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 22:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
m-Xylene & p-Xylene	0.00679		0.00404		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
Xylenes, Total	0.00679		0.00404		mg/Kg		02/17/26 09:11	02/17/26 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				02/17/26 09:11	02/17/26 22:49	1
1,4-Difluorobenzene (Surr)	103		70 - 130				02/17/26 09:11	02/17/26 22:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00679		0.00404		mg/Kg			02/17/26 22:49	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			02/17/26 23:11	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		02/13/26 14:04	02/17/26 23:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 23:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (3')

Lab Sample ID: 880-68243-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 23:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				02/13/26 14:04	02/17/26 23:11	1
o-Terphenyl (Surr)	124		70 - 130				02/13/26 14:04	02/17/26 23:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.4		9.90		mg/Kg			02/16/26 14:36	1

Client Sample ID: BH - 1 (4')

Lab Sample ID: 880-68243-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 23:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/17/26 09:11	02/17/26 23:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				02/17/26 09:11	02/17/26 23:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130				02/17/26 09:11	02/17/26 23:09	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			02/17/26 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/17/26 23:26	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	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				02/13/26 14:04	02/17/26 23:26	1
o-Terphenyl (Surr)	122		70 - 130				02/13/26 14:04	02/17/26 23:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		10.0		mg/Kg			02/16/26 14:41	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (5')

Lab Sample ID: 880-68243-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 23:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/17/26 09:11	02/17/26 23:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/17/26 09:11	02/17/26 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/17/26 09:11	02/17/26 23:30	1
1,4-Difluorobenzene (Surr)	102		70 - 130	02/17/26 09:11	02/17/26 23:30	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			02/17/26 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/26 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 23:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 23:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	02/13/26 14:04	02/17/26 23:40	1
o-Terphenyl (Surr)	119		70 - 130	02/13/26 14:04	02/17/26 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	253		10.0		mg/Kg			02/16/26 14:47	1

Client Sample ID: BH - 1 (6')

Lab Sample ID: 880-68243-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/17/26 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 23:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/17/26 09:11	02/17/26 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/17/26 09:11	02/17/26 23:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/17/26 09:11	02/17/26 23:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (6')

Lab Sample ID: 880-68243-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/17/26 23:50	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			02/17/26 23:55	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		02/13/26 14:04	02/17/26 23:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	02/13/26 14:04	02/17/26 23:55	1
o-Terphenyl (Surr)	117		70 - 130	02/13/26 14:04	02/17/26 23:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.3		10.1		mg/Kg			02/16/26 14:52	1

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/18/26 00:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/17/26 09:11	02/18/26 00:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/17/26 09:11	02/18/26 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/17/26 09:11	02/18/26 00:10	1
1,4-Difluorobenzene (Surr)	100		70 - 130	02/17/26 09:11	02/18/26 00:10	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			02/18/26 00:10	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			02/18/26 00:09	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		02/13/26 14:04	02/18/26 00:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/18/26 00:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:04	02/18/26 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				02/13/26 14:04	02/18/26 00:09	1
o-Terphenyl (Surr)	118		70 - 130				02/13/26 14:04	02/18/26 00:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		9.90		mg/Kg			02/16/26 15:10	1

Client Sample ID: BH - 2 (0-1')

Lab Sample ID: 880-68243-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0112		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Toluene	0.358		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Ethylbenzene	0.242		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
m-Xylene & p-Xylene	0.667		0.00404		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
o-Xylene	0.342		0.00202		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Xylenes, Total	1.01		0.00404		mg/Kg		02/17/26 09:11	02/18/26 00:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	576	S1+	70 - 130				02/17/26 09:11	02/18/26 00:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130				02/17/26 09:11	02/18/26 00:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	1.62		0.00404		mg/Kg			02/18/26 00:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6320		249		mg/Kg			02/18/26 00:24	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	1080		249		mg/Kg		02/13/26 14:04	02/18/26 00:24	5
Diesel Range Organics (Over C10-C28)	4830		249		mg/Kg		02/13/26 14:04	02/18/26 00:24	5
Oil Range Organics (Over C28-C36)	407		249		mg/Kg		02/13/26 14:04	02/18/26 00:24	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	156	S1+	70 - 130				02/13/26 14:04	02/18/26 00:24	5
o-Terphenyl (Surr)	239	S1+	70 - 130				02/13/26 14:04	02/18/26 00:24	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	663		10.1		mg/Kg			02/16/26 15:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (2')

Lab Sample ID: 880-68243-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/18/26 00:51	1
Toluene	0.0448		0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
Ethylbenzene	0.0585		0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
m-Xylene & p-Xylene	0.195		0.00398		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
o-Xylene	0.0900		0.00199		mg/Kg		02/17/26 09:11	02/18/26 00:51	1
Xylenes, Total	0.285		0.00398		mg/Kg		02/17/26 09:11	02/18/26 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	299	S1+	70 - 130	02/17/26 09:11	02/18/26 00:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/17/26 09:11	02/18/26 00:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.388		0.00398		mg/Kg			02/18/26 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2960		50.0		mg/Kg			02/18/26 00:37	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	251		50.0		mg/Kg		02/13/26 14:04	02/18/26 00:37	1
Diesel Range Organics (Over C10-C28)	2520		50.0		mg/Kg		02/13/26 14:04	02/18/26 00:37	1
Oil Range Organics (Over C28-C36)	193		50.0		mg/Kg		02/13/26 14:04	02/18/26 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130	02/13/26 14:04	02/18/26 00:37	1
o-Terphenyl (Surr)	166	S1+	70 - 130	02/13/26 14:04	02/18/26 00:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	381		10.1		mg/Kg			02/16/26 15:21	1

Client Sample ID: BH - 2 (3')

Lab Sample ID: 880-68243-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/17/26 09:11	02/18/26 01:12	1
Toluene	0.0101		0.00198		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
Ethylbenzene	0.0214		0.00198		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
m-Xylene & p-Xylene	0.0770		0.00396		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
o-Xylene	0.0387		0.00198		mg/Kg		02/17/26 09:11	02/18/26 01:12	1
Xylenes, Total	0.116		0.00396		mg/Kg		02/17/26 09:11	02/18/26 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	228	S1+	70 - 130	02/17/26 09:11	02/18/26 01:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/17/26 09:11	02/18/26 01:12	1

Euofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (3')

Lab Sample ID: 880-68243-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.147		0.00396		mg/Kg			02/18/26 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2160		50.1		mg/Kg			02/18/26 00:53	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	142		50.1		mg/Kg		02/13/26 14:04	02/18/26 00:53	1
Diesel Range Organics (Over C10-C28)	1920		50.1		mg/Kg		02/13/26 14:04	02/18/26 00:53	1
Oil Range Organics (Over C28-C36)	101		50.1		mg/Kg		02/13/26 14:04	02/18/26 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	128		70 - 130	02/13/26 14:04	02/18/26 00:53	1
o-Terphenyl (Surr)	162	S1+	70 - 130	02/13/26 14:04	02/18/26 00:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	314		9.98		mg/Kg			02/16/26 15:26	1

Client Sample ID: BH - 2 (4')

Lab Sample ID: 880-68243-11

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0396	U	0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Toluene	0.0432		0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Ethylbenzene	0.140		0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
m-Xylene & p-Xylene	0.332		0.0792		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
o-Xylene	0.127		0.0396		mg/Kg		02/18/26 13:53	02/19/26 12:57	20
Xylenes, Total	0.459		0.0792		mg/Kg		02/18/26 13:53	02/19/26 12:57	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	02/18/26 13:53	02/19/26 12:57	20
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 13:53	02/19/26 12:57	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.642		0.0792		mg/Kg			02/19/26 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1760		50.0		mg/Kg			02/18/26 10:02	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	69.6	F2	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (4')

Lab Sample ID: 880-68243-11

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	1690	F1	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				02/13/26 14:11	02/18/26 10:02	1
o-Terphenyl (Surr)	140	S1+	70 - 130				02/13/26 14:11	02/18/26 10:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		10.0		mg/Kg			02/16/26 15:32	1

Client Sample ID: BH - 2 (5')

Lab Sample ID: 880-68243-12

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0399	U	0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Toluene	<0.0399	U	0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Ethylbenzene	0.137		0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
m-Xylene & p-Xylene	0.279		0.0798		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
o-Xylene	0.0899		0.0399		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Xylenes, Total	0.369		0.0798		mg/Kg		02/18/26 13:53	02/19/26 13:18	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				02/18/26 13:53	02/19/26 13:18	20
1,4-Difluorobenzene (Surr)	109		70 - 130				02/18/26 13:53	02/19/26 13:18	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.506		0.0798		mg/Kg			02/19/26 13:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	903		50.0		mg/Kg			02/18/26 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:49	1
Diesel Range Organics (Over C10-C28)	903		50.0		mg/Kg		02/13/26 14:11	02/18/26 10:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 10:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				02/13/26 14:11	02/18/26 10:49	1
o-Terphenyl (Surr)	122		70 - 130				02/13/26 14:11	02/18/26 10:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	141		9.94		mg/Kg			02/16/26 15:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (6')

Lab Sample ID: 880-68243-13

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 18:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 10:41	02/18/26 18:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 10:41	02/18/26 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	386	S1+	70 - 130	02/18/26 10:41	02/18/26 18:01	1
1,4-Difluorobenzene (Surr)	89		70 - 130	02/18/26 10:41	02/18/26 18:01	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			02/18/26 18:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	135		49.8		mg/Kg			02/18/26 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 11:03	1
Diesel Range Organics (Over C10-C28)	135		49.8		mg/Kg		02/13/26 14:11	02/18/26 11:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 11:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	02/13/26 14:11	02/18/26 11:03	1
o-Terphenyl (Surr)	115		70 - 130	02/13/26 14:11	02/18/26 11:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		10.0		mg/Kg			02/16/26 15:55	1

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 18:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	02/18/26 10:41	02/18/26 18:21	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/18/26 10:41	02/18/26 18:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/18/26 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	158		50.0		mg/Kg			02/18/26 11:19	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		02/13/26 14:11	02/18/26 11:19	1
Diesel Range Organics (Over C10-C28)	158		50.0		mg/Kg		02/13/26 14:11	02/18/26 11:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				02/13/26 14:11	02/18/26 11:19	1
o-Terphenyl (Surr)	97		70 - 130				02/13/26 14:11	02/18/26 11:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		9.90		mg/Kg			02/16/26 16:00	1

Client Sample ID: BH - 2 (8')

Lab Sample ID: 880-68243-15

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 18:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/18/26 10:41	02/18/26 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/18/26 10:41	02/18/26 18:42	1
1,4-Difluorobenzene (Surr)	81		70 - 130				02/18/26 10:41	02/18/26 18:42	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			02/18/26 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	147		49.9		mg/Kg			02/18/26 11:34	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	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 11:34	1
Diesel Range Organics (Over C10-C28)	147		49.9		mg/Kg		02/13/26 14:11	02/18/26 11:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (8')

Lab Sample ID: 880-68243-15

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				02/13/26 14:11	02/18/26 11:34	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:11	02/18/26 11:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		10.1		mg/Kg			02/16/26 16:17	1

Client Sample ID: BH - 2 (9')

Lab Sample ID: 880-68243-16

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 19:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 10:41	02/18/26 19:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 10:41	02/18/26 19:02	1
1,4-Difluorobenzene (Surr)	85		70 - 130				02/18/26 10:41	02/18/26 19:02	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			02/18/26 19:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	185		50.0		mg/Kg			02/18/26 11:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:49	1
Diesel Range Organics (Over C10-C28)	185		50.0		mg/Kg		02/13/26 14:11	02/18/26 11:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 11:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				02/13/26 14:11	02/18/26 11:49	1
o-Terphenyl (Surr)	122		70 - 130				02/13/26 14:11	02/18/26 11:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.5		10.0		mg/Kg			02/16/26 16:23	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (10')

Lab Sample ID: 880-68243-17

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 19:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 19:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 19:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/18/26 10:41	02/18/26 19:23	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/18/26 10:41	02/18/26 19:23	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			02/18/26 19:23	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			02/18/26 12:04	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	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	02/13/26 14:11	02/18/26 12:04	1
o-Terphenyl (Surr)	123		70 - 130	02/13/26 14:11	02/18/26 12:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.7		10.0		mg/Kg			02/16/26 16:29	1

Client Sample ID: BH - 2 (15')

Lab Sample ID: 880-68243-18

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 19:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 19:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 19:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/18/26 10:41	02/18/26 19:43	1
1,4-Difluorobenzene (Surr)	87		70 - 130	02/18/26 10:41	02/18/26 19:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (15')

Lab Sample ID: 880-68243-18

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/18/26 19:43	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			02/18/26 12:19	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	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 12:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:11	02/18/26 12:19	1
o-Terphenyl (Surr)	121		70 - 130				02/13/26 14:11	02/18/26 12:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	981		10.1		mg/Kg			02/16/26 16:34	1

Client Sample ID: BH - 3 (0-1')

Lab Sample ID: 880-68243-19

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 17:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 11:08	02/18/26 17:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/18/26 11:08	02/18/26 17:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/18/26 11:08	02/18/26 17:13	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			02/18/26 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4300		50.0		mg/Kg			02/18/26 12:34	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	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 12:34	1
Diesel Range Organics (Over C10-C28)	3600		50.0		mg/Kg		02/13/26 14:11	02/18/26 12:34	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (0-1')

Lab Sample ID: 880-68243-19

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	702		50.0		mg/Kg		02/13/26 14:11	02/18/26 12:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:11	02/18/26 12:34	1
o-Terphenyl (Surr)	156	S1+	70 - 130				02/13/26 14:11	02/18/26 12:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	677		10.1		mg/Kg			02/16/26 16:40	1

Client Sample ID: BH - 3 (2')

Lab Sample ID: 880-68243-20

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 17:34	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 11:08	02/18/26 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				02/18/26 11:08	02/18/26 17:34	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/18/26 11:08	02/18/26 17:34	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			02/18/26 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1450		49.8		mg/Kg			02/18/26 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 12:49	1
Diesel Range Organics (Over C10-C28)	795		49.8		mg/Kg		02/13/26 14:11	02/18/26 12:49	1
Oil Range Organics (Over C28-C36)	656		49.8		mg/Kg		02/13/26 14:11	02/18/26 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/13/26 14:11	02/18/26 12:49	1
o-Terphenyl (Surr)	106		70 - 130				02/13/26 14:11	02/18/26 12:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	325		9.98		mg/Kg			02/16/26 16:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (3')

Lab Sample ID: 880-68243-21

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 17:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 17:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/18/26 11:08	02/18/26 17:55	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 17:55	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			02/18/26 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	270		49.8		mg/Kg			02/18/26 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 13:20	1
Diesel Range Organics (Over C10-C28)	270		49.8		mg/Kg		02/13/26 14:11	02/18/26 13:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/13/26 14:11	02/18/26 13:20	1
o-Terphenyl (Surr)	113		70 - 130	02/13/26 14:11	02/18/26 13:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	389		10.1		mg/Kg			02/16/26 16:51	1

Client Sample ID: BH - 3 (4')

Lab Sample ID: 880-68243-22

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 18:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 18:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/18/26 11:08	02/18/26 18:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/18/26 11:08	02/18/26 18:15	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 18:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (4')

Lab Sample ID: 880-68243-22

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/18/26 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	228		50.0		mg/Kg			02/18/26 13:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 13:35	1
Diesel Range Organics (Over C10-C28)	139		50.0		mg/Kg		02/13/26 14:11	02/18/26 13:35	1
Oil Range Organics (Over C28-C36)	88.8		50.0		mg/Kg		02/13/26 14:11	02/18/26 13:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				02/13/26 14:11	02/18/26 13:35	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:11	02/18/26 13:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360	F1	9.94		mg/Kg			02/16/26 10:53	1

Client Sample ID: BH - 3 (5')

Lab Sample ID: 880-68243-23

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 13:53	02/19/26 10:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 13:53	02/19/26 10:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 13:53	02/19/26 10:41	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/18/26 13:53	02/19/26 10:41	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			02/19/26 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/18/26 13:50	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		02/13/26 14:11	02/18/26 13:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (5')

Lab Sample ID: 880-68243-23

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	<50.2	U	50.2		mg/Kg		02/13/26 14:11	02/18/26 13:50	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/13/26 14:11	02/18/26 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/13/26 14:11	02/18/26 13:50	1
o-Terphenyl (Surr)	119		70 - 130				02/13/26 14:11	02/18/26 13:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	518		10.0		mg/Kg			02/16/26 11:54	1

Client Sample ID: BH - 3 (6')

Lab Sample ID: 880-68243-24

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 13:53	02/19/26 11:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 13:53	02/19/26 11:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/18/26 13:53	02/19/26 11:02	1
1,4-Difluorobenzene (Surr)	111		70 - 130				02/18/26 13:53	02/19/26 11:02	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			02/19/26 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.8		50.1		mg/Kg			02/18/26 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/13/26 14:11	02/18/26 14:06	1
Diesel Range Organics (Over C10-C28)	59.8		50.1		mg/Kg		02/13/26 14:11	02/18/26 14:06	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/13/26 14:11	02/18/26 14:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				02/13/26 14:11	02/18/26 14:06	1
o-Terphenyl (Surr)	103		70 - 130				02/13/26 14:11	02/18/26 14:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	446		10.1		mg/Kg			02/16/26 12:00	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (7')

Lab Sample ID: 880-68243-25

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 13:53	02/19/26 11:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/18/26 13:53	02/19/26 11:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/18/26 13:53	02/19/26 11:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/18/26 13:53	02/19/26 11:22	1
1,4-Difluorobenzene (Surr)	117		70 - 130	02/18/26 13:53	02/19/26 11:22	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			02/19/26 11:22	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			02/18/26 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	02/13/26 14:11	02/18/26 14:21	1
o-Terphenyl (Surr)	129		70 - 130	02/13/26 14:11	02/18/26 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		10.0		mg/Kg			02/16/26 12:07	1

Client Sample ID: BH - 3 (8')

Lab Sample ID: 880-68243-26

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 13:53	02/19/26 11:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 13:53	02/19/26 11:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 13:53	02/19/26 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/18/26 13:53	02/19/26 11:43	1
1,4-Difluorobenzene (Surr)	113		70 - 130	02/18/26 13:53	02/19/26 11:43	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (8')

Lab Sample ID: 880-68243-26

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/19/26 11:43	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			02/18/26 14:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:11	02/18/26 14:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				02/13/26 14:11	02/18/26 14:35	1
o-Terphenyl (Surr)	124		70 - 130				02/13/26 14:11	02/18/26 14:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	496		10.0		mg/Kg			02/16/26 12:14	1

Client Sample ID: BH - 3 (9')

Lab Sample ID: 880-68243-27

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 18:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 11:08	02/18/26 18:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/18/26 11:08	02/18/26 18:36	1
1,4-Difluorobenzene (Surr)	114		70 - 130				02/18/26 11:08	02/18/26 18:36	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			02/18/26 18:36	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			02/18/26 14:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 14:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (9')

Lab Sample ID: 880-68243-27

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:11	02/18/26 14:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130				02/13/26 14:11	02/18/26 14:51	1
o-Terphenyl (Surr)	131	S1+	70 - 130				02/13/26 14:11	02/18/26 14:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	491		9.92		mg/Kg			02/16/26 12:34	1

Client Sample ID: BH - 3 (10')

Lab Sample ID: 880-68243-28

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 18:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 18:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				02/18/26 11:08	02/18/26 18:57	1
1,4-Difluorobenzene (Surr)	116		70 - 130				02/18/26 11:08	02/18/26 18:57	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			02/18/26 18:57	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			02/18/26 15:05	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	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 15:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 15:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:11	02/18/26 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				02/13/26 14:11	02/18/26 15:05	1
o-Terphenyl (Surr)	129		70 - 130				02/13/26 14:11	02/18/26 15:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	527		10.1		mg/Kg			02/16/26 12:41	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68242-A-1-F MS	Matrix Spike	213 S1+	111
880-68242-A-1-G MSD	Matrix Spike Duplicate	275 S1+	109
880-68243-1	BH - 1 (0-1')	134 S1+	100
880-68243-1 MS	BH - 1 (0-1')	136 S1+	104
880-68243-1 MSD	BH - 1 (0-1')	133 S1+	94
880-68243-2	BH - 1 (2')	96	100
880-68243-3	BH - 1 (3')	96	103
880-68243-4	BH - 1 (4')	108	100
880-68243-5	BH - 1 (5')	105	102
880-68243-6	BH - 1 (6')	104	96
880-68243-7	BH - 1 (7')	110	100
880-68243-8	BH - 2 (0-1')	576 S1+	98
880-68243-9	BH - 2 (2')	299 S1+	94
880-68243-10	BH - 2 (3')	228 S1+	94
880-68243-11	BH - 2 (4')	130	107
880-68243-12	BH - 2 (5')	77	109
880-68243-13	BH - 2 (6')	386 S1+	89
880-68243-14	BH - 2 (7')	87	81
880-68243-15	BH - 2 (8')	104	81
880-68243-16	BH - 2 (9')	105	85
880-68243-17	BH - 2 (10')	110	92
880-68243-18	BH - 2 (15')	105	87
880-68243-19	BH - 3 (0-1')	107	110
880-68243-20	BH - 3 (2')	94	108
880-68243-21	BH - 3 (3')	98	110
880-68243-22	BH - 3 (4')	101	110
880-68243-23	BH - 3 (5')	105	113
880-68243-23 MS	BH - 3 (5')	102	110
880-68243-23 MSD	BH - 3 (5')	103	113
880-68243-24	BH - 3 (6')	107	111
880-68243-25	BH - 3 (7')	105	117
880-68243-26	BH - 3 (8')	111	113
880-68243-27	BH - 3 (9')	104	114
880-68243-28	BH - 3 (10')	110	116
880-68244-A-1-C MS	Matrix Spike	123	89
880-68244-A-1-D MSD	Matrix Spike Duplicate	136 S1+	100
LCS 880-132181/1-A	Lab Control Sample	102	98
LCS 880-132215/1-A	Lab Control Sample	112	90
LCS 880-132217/1-A	Lab Control Sample	102	116
LCS 880-132259/1-A	Lab Control Sample	104	115
LCSD 880-132181/2-A	Lab Control Sample Dup	103	100
LCSD 880-132215/2-A	Lab Control Sample Dup	117	104
LCSD 880-132217/2-A	Lab Control Sample Dup	107	118
LCSD 880-132259/2-A	Lab Control Sample Dup	102	110
MB 880-132054/5-A	Method Blank	98	95
MB 880-132181/5-A	Method Blank	101	94
MB 880-132215/5-A	Method Blank	238 S1+	128
MB 880-132217/5-A	Method Blank	97	107
MB 880-132259/5-A	Method Blank	99	112

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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)
880-68242-A-10-D MS	Matrix Spike	143 S1+	139 S1+
880-68242-A-10-E MSD	Matrix Spike Duplicate	140 S1+	142 S1+
880-68243-1	BH - 1 (0-1')	124	186 S1+
880-68243-2	BH - 1 (2')	111	120
880-68243-3	BH - 1 (3')	113	124
880-68243-4	BH - 1 (4')	109	122
880-68243-5	BH - 1 (5')	108	119
880-68243-6	BH - 1 (6')	105	117
880-68243-7	BH - 1 (7')	107	118
880-68243-8	BH - 2 (0-1')	156 S1+	239 S1+
880-68243-9	BH - 2 (2')	122	166 S1+
880-68243-10	BH - 2 (3')	128	162 S1+
880-68243-11	BH - 2 (4')	117	140 S1+
880-68243-11 MS	BH - 2 (4')	98	122
880-68243-11 MSD	BH - 2 (4')	112	142 S1+
880-68243-12	BH - 2 (5')	110	122
880-68243-13	BH - 2 (6')	109	115
880-68243-14	BH - 2 (7')	90	97
880-68243-15	BH - 2 (8')	117	120
880-68243-16	BH - 2 (9')	121	122
880-68243-17	BH - 2 (10')	118	123
880-68243-18	BH - 2 (15')	111	121
880-68243-19	BH - 3 (0-1')	111	156 S1+
880-68243-20	BH - 3 (2')	101	106
880-68243-21	BH - 3 (3')	100	113
880-68243-22	BH - 3 (4')	116	120
880-68243-23	BH - 3 (5')	111	119
880-68243-24	BH - 3 (6')	96	103
880-68243-25	BH - 3 (7')	119	129
880-68243-26	BH - 3 (8')	120	124
880-68243-27	BH - 3 (9')	125	131 S1+
880-68243-28	BH - 3 (10')	126	129
LCS 880-131772/2-A	Lab Control Sample	130	125
LCS 880-131773/2-A	Lab Control Sample	95	99
LCSD 880-131772/3-A	Lab Control Sample Dup	137 S1+	133 S1+
LCSD 880-131773/3-A	Lab Control Sample Dup	110	113
MB 880-131772/1-A	Method Blank	93	99
MB 880-131773/1-A	Method Blank	106	106

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132054/5-A
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 08:35	02/17/26 11:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/26 08:35	02/17/26 11:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	02/17/26 08:35	02/17/26 11:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/17/26 08:35	02/17/26 11:11	1

Lab Sample ID: MB 880-132181/5-A
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/17/26 09:11	02/17/26 21:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/17/26 09:11	02/17/26 21:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/17/26 09:11	02/17/26 21:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/17/26 09:11	02/17/26 21:46	1

Lab Sample ID: LCS 880-132181/1-A
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132181

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09114		mg/Kg		91	70 - 130
Toluene	0.100	0.08288		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.09126		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1818		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09073		mg/Kg		91	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 880-132181/2-A
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132181

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09310		mg/Kg		93	70 - 130	2	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-132181/2-A
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132181

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Toluene	0.100	0.08316		mg/Kg		83	70 - 130	0	35
Ethylbenzene	0.100	0.09043		mg/Kg		90	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.1794		mg/Kg		90	70 - 130	1	35
o-Xylene	0.100	0.09050		mg/Kg		90	70 - 130	0	35

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

Lab Sample ID: 880-68243-1 MS
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: BH - 1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 132181

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.07252		mg/Kg		73	70 - 130		
Toluene	<0.00200	U F1	0.100	0.05961	F1	mg/Kg		60	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.05752	F1	mg/Kg		56	70 - 130		
m-Xylene & p-Xylene	0.00666	F2 F1	0.200	0.1132	F1	mg/Kg		53	70 - 130		
o-Xylene	<0.00200	U F1	0.100	0.04857	F1	mg/Kg		49	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68243-1 MSD
 Matrix: Solid
 Analysis Batch: 132045

Client Sample ID: BH - 1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 132181

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.05962	F1	mg/Kg		60	70 - 130	20	35
Toluene	<0.00200	U F1	0.100	0.04590	F1	mg/Kg		46	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.100	0.04251	F1	mg/Kg		41	70 - 130	30	35
m-Xylene & p-Xylene	0.00666	F2 F1	0.200	0.07577	F2 F1	mg/Kg		35	70 - 130	40	35
o-Xylene	<0.00200	U F1	0.100	0.03540	F1	mg/Kg		35	70 - 130	31	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-132215/5-A
 Matrix: Solid
 Analysis Batch: 132167

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132215/5-A
Matrix: Solid
Analysis Batch: 132167

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132215

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	238	S1+	70 - 130	02/18/26 08:00	02/18/26 11:56	1
1,4-Difluorobenzene (Surr)	128		70 - 130	02/18/26 08:00	02/18/26 11:56	1

Lab Sample ID: LCS 880-132215/1-A
Matrix: Solid
Analysis Batch: 132167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132215

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1049		mg/Kg		105	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09170		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.2298		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1287		mg/Kg		129	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-132215/2-A
Matrix: Solid
Analysis Batch: 132167

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132215

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	9	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	4	35
Ethylbenzene	0.100	0.1060		mg/Kg		106	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2445		mg/Kg		122	70 - 130	6	35
o-Xylene	0.100	0.1273		mg/Kg		127	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68244-A-1-C MS
Matrix: Solid
Analysis Batch: 132167

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132215

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.100	0.09788		mg/Kg		98	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.1111		mg/Kg		111	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1118		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2678	F1	mg/Kg		134	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1214		mg/Kg		121	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68244-A-1-C MS
Matrix: Solid
Analysis Batch: 132167

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132215

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-68244-A-1-D MSD
Matrix: Solid
Analysis Batch: 132167

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132215

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	0.08695		mg/Kg		87	70 - 130	12	35
Toluene	<0.00200	U F1 F2	0.100	0.06457	F1 F2	mg/Kg		65	70 - 130	53	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06033	F1 F2	mg/Kg		58	70 - 130	60	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2312		mg/Kg		116	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.100	0.1510	F1	mg/Kg		151	70 - 130	22	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-132217/5-A
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/18/26 07:00	02/18/26 12:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 07:00	02/18/26 12:03	1

Lab Sample ID: LCS 880-132217/1-A
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09804		mg/Kg		98	70 - 130
Toluene	0.100	0.08994		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132217/1-A
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132217

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-132217/2-A
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09067		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08217		mg/Kg		82	70 - 130	9	35
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130	7	35
o-Xylene	0.100	0.08258		mg/Kg		83	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68242-A-1-F MS
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00266		0.100	0.08139		mg/Kg		79	70 - 130
Toluene	0.0187	F1	0.100	0.07342	F1	mg/Kg		55	70 - 130
Ethylbenzene	0.0127	F1	0.100	0.08029	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	0.190		0.200	0.3907		mg/Kg		100	70 - 130
o-Xylene	0.112		0.100	0.2099		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-68242-A-1-G MSD
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00266		0.100	0.08193		mg/Kg		79	70 - 130	1	35
Toluene	0.0187	F1	0.100	0.08366	F1	mg/Kg		65	70 - 130	13	35
Ethylbenzene	0.0127	F1	0.100	0.07237	F1	mg/Kg		60	70 - 130	10	35
m-Xylene & p-Xylene	0.190		0.200	0.3681		mg/Kg		89	70 - 130	6	35
o-Xylene	0.112		0.100	0.2331		mg/Kg		121	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	275	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132259/5-A
 Matrix: Solid
 Analysis Batch: 132321

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132259

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 13:53	02/19/26 10:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 13:53	02/19/26 10:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/18/26 13:53	02/19/26 10:19	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/18/26 13:53	02/19/26 10:19	1

Lab Sample ID: LCS 880-132259/1-A
 Matrix: Solid
 Analysis Batch: 132321

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132259

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09008		mg/Kg		90	70 - 130
Toluene	0.100	0.08237		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.08687		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1682		mg/Kg		84	70 - 130
o-Xylene	0.100	0.08317		mg/Kg		83	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-132259/2-A
 Matrix: Solid
 Analysis Batch: 132321

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132259

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09403		mg/Kg		94	70 - 130	4	35
Toluene	0.100	0.08698		mg/Kg		87	70 - 130	5	35
Ethylbenzene	0.100	0.09281		mg/Kg		93	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1785		mg/Kg		89	70 - 130	6	35
o-Xylene	0.100	0.08598		mg/Kg		86	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-68243-23 MS
 Matrix: Solid
 Analysis Batch: 132321

Client Sample ID: BH - 3 (5')
 Prep Type: Total/NA
 Prep Batch: 132259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09306		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.08612		mg/Kg		86	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-23 MS
 Matrix: Solid
 Analysis Batch: 132321

Client Sample ID: BH - 3 (5')
 Prep Type: Total/NA
 Prep Batch: 132259

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.09244		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1780		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08615		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 880-68243-23 MSD
 Matrix: Solid
 Analysis Batch: 132321

Client Sample ID: BH - 3 (5')
 Prep Type: Total/NA
 Prep Batch: 132259

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	0.08632		mg/Kg		86	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.07891		mg/Kg		79	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.08396		mg/Kg		84	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1617		mg/Kg		81	70 - 130	10	35
o-Xylene	<0.00200	U	0.100	0.07799		mg/Kg		78	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

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

Lab Sample ID: MB 880-131772/1-A
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 131772

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		02/13/26 14:04	02/17/26 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	02/13/26 14:04	02/17/26 18:53	1
o-Terphenyl (Surr)	99		70 - 130	02/13/26 14:04	02/17/26 18:53	1

Lab Sample ID: LCS 880-131772/2-A
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 131772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	971.4		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	874.5		mg/Kg		87	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131772/2-A
Matrix: Solid
Analysis Batch: 132020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131772

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	130		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: LCSD 880-131772/3-A
Matrix: Solid
Analysis Batch: 132020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131772

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	4		20
Diesel Range Organics (Over C10-C28)	1000	967.1		mg/Kg		97	70 - 130	10		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	137	S1+	70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

Lab Sample ID: 880-68242-A-10-D MS
Matrix: Solid
Analysis Batch: 132020

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131772

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1010		mg/Kg		101	70 - 130	
Diesel Range Organics (Over C10-C28)	80.1		999	840.8		mg/Kg		76	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	143	S1+	70 - 130
o-Terphenyl (Surr)	139	S1+	70 - 130

Lab Sample ID: 880-68242-A-10-E MSD
Matrix: Solid
Analysis Batch: 132020

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131772

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	982.8		mg/Kg		98	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	80.1		999	851.9		mg/Kg		77	70 - 130	1		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	140	S1+	70 - 130
o-Terphenyl (Surr)	142	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-131773/1-A
Matrix: Solid
Analysis Batch: 132163

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131773

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 06:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 06:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:11	02/18/26 06:23	1
Surrogate	MB MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	106		70 - 130				02/13/26 14:11	02/18/26 06:23	1
o-Terphenyl (Surr)	106		70 - 130				02/13/26 14:11	02/18/26 06:23	1

Lab Sample ID: LCS 880-131773/2-A
Matrix: Solid
Analysis Batch: 132163

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131773

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	935.7		mg/Kg		94	70 - 130
Surrogate	LCS LCS		Limits				%Rec
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	95		70 - 130				
o-Terphenyl (Surr)	99		70 - 130				

Lab Sample ID: LCSD 880-131773/3-A
Matrix: Solid
Analysis Batch: 132163

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131773

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1105		mg/Kg		111	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	1000	1110		mg/Kg		111	70 - 130	17	20
Surrogate	LCSD LCSD		Limits			%Rec	%Rec	RPD	Limit
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	110		70 - 130						
o-Terphenyl (Surr)	113		70 - 130						

Lab Sample ID: 880-68243-11 MS
Matrix: Solid
Analysis Batch: 132163

Client Sample ID: BH - 2 (4')
Prep Type: Total/NA
Prep Batch: 131773

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1690	F1	997	2276	F1	mg/Kg		59	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-11 MS
 Matrix: Solid
 Analysis Batch: 132163

Client Sample ID: BH - 2 (4')
 Prep Type: Total/NA
 Prep Batch: 131773

Surrogate	%Recovery	MS MS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	122		70 - 130

Lab Sample ID: 880-68243-11 MSD
 Matrix: Solid
 Analysis Batch: 132163

Client Sample ID: BH - 2 (4')
 Prep Type: Total/NA
 Prep Batch: 131773

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	69.6	F2	997	1207	F2	mg/Kg		114	70 - 130	23	20
Diesel Range Organics (Over C10-C28)	1690	F1	997	2774		mg/Kg		109	70 - 130	20	20

Surrogate	%Recovery	MSD MSD Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	142	S1+	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131758/1-A
 Matrix: Solid
 Analysis Batch: 131869

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			02/16/26 10:44	1

Lab Sample ID: LCS 880-131758/2-A
 Matrix: Solid
 Analysis Batch: 131869

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.7		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-131758/3-A
 Matrix: Solid
 Analysis Batch: 131869

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	231.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68242-A-2-B MS
 Matrix: Solid
 Analysis Batch: 131869

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	13.4		252	261.0		mg/Kg		98	90 - 110

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68242-A-2-C MSD
Matrix: Solid
Analysis Batch: 131869

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	13.4		252	259.1		mg/Kg		98	90 - 110	1	20

Lab Sample ID: MB 880-131762/1-A
Matrix: Solid
Analysis Batch: 131870

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			02/16/26 10:33	1

Lab Sample ID: LCS 880-131762/2-A
Matrix: Solid
Analysis Batch: 131870

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.0		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-131762/3-A
Matrix: Solid
Analysis Batch: 131870

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	239.2		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 880-68243-22 MS
Matrix: Solid
Analysis Batch: 131870

Client Sample ID: BH - 3 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	360	F1	249	581.6	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-68243-22 MSD
Matrix: Solid
Analysis Batch: 131870

Client Sample ID: BH - 3 (4')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	360	F1	249	576.6	F1	mg/Kg		87	90 - 110	1	20

Lab Sample ID: MB 880-131761/1-A
Matrix: Solid
Analysis Batch: 131876

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			02/16/26 14:02	1

Lab Sample ID: LCS 880-131761/2-A
Matrix: Solid
Analysis Batch: 131876

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.5		mg/Kg		93	90 - 110

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-131761/3-A
 Matrix: Solid
 Analysis Batch: 131876

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	233.0		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-68243-2 MS
 Matrix: Solid
 Analysis Batch: 131876

Client Sample ID: BH - 1 (2')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	57.8		251	302.0		mg/Kg		98	90 - 110

Lab Sample ID: 880-68243-2 MSD
 Matrix: Solid
 Analysis Batch: 131876

Client Sample ID: BH - 1 (2')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	57.8		251	299.9		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-68243-12 MS
 Matrix: Solid
 Analysis Batch: 131876

Client Sample ID: BH - 2 (5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	141		249	385.2		mg/Kg		98	90 - 110

Lab Sample ID: 880-68243-12 MSD
 Matrix: Solid
 Analysis Batch: 131876

Client Sample ID: BH - 2 (5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	141		249	383.1		mg/Kg		98	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8021B	132181
880-68243-2	BH - 1 (2')	Total/NA	Solid	8021B	132181
880-68243-3	BH - 1 (3')	Total/NA	Solid	8021B	132181
880-68243-4	BH - 1 (4')	Total/NA	Solid	8021B	132181
880-68243-5	BH - 1 (5')	Total/NA	Solid	8021B	132181
880-68243-6	BH - 1 (6')	Total/NA	Solid	8021B	132181
880-68243-7	BH - 1 (7')	Total/NA	Solid	8021B	132181
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8021B	132181
880-68243-9	BH - 2 (2')	Total/NA	Solid	8021B	132181
880-68243-10	BH - 2 (3')	Total/NA	Solid	8021B	132181
MB 880-132054/5-A	Method Blank	Total/NA	Solid	8021B	132054
MB 880-132181/5-A	Method Blank	Total/NA	Solid	8021B	132181
LCS 880-132181/1-A	Lab Control Sample	Total/NA	Solid	8021B	132181
LCSD 880-132181/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132181
880-68243-1 MS	BH - 1 (0-1')	Total/NA	Solid	8021B	132181
880-68243-1 MSD	BH - 1 (0-1')	Total/NA	Solid	8021B	132181

Prep Batch: 132054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-132054/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 132167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-13	BH - 2 (6')	Total/NA	Solid	8021B	132215
880-68243-14	BH - 2 (7')	Total/NA	Solid	8021B	132215
880-68243-15	BH - 2 (8')	Total/NA	Solid	8021B	132215
880-68243-16	BH - 2 (9')	Total/NA	Solid	8021B	132215
880-68243-17	BH - 2 (10')	Total/NA	Solid	8021B	132215
880-68243-18	BH - 2 (15')	Total/NA	Solid	8021B	132215
MB 880-132215/5-A	Method Blank	Total/NA	Solid	8021B	132215
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	8021B	132215
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132215
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132215
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132215

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8021B	132217
880-68243-20	BH - 3 (2')	Total/NA	Solid	8021B	132217
880-68243-21	BH - 3 (3')	Total/NA	Solid	8021B	132217
880-68243-22	BH - 3 (4')	Total/NA	Solid	8021B	132217
880-68243-27	BH - 3 (9')	Total/NA	Solid	8021B	132217
880-68243-28	BH - 3 (10')	Total/NA	Solid	8021B	132217
MB 880-132217/5-A	Method Blank	Total/NA	Solid	8021B	132217
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	8021B	132217
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132217
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	132217
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132217

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 132181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	5035	
880-68243-2	BH - 1 (2')	Total/NA	Solid	5035	
880-68243-3	BH - 1 (3')	Total/NA	Solid	5035	
880-68243-4	BH - 1 (4')	Total/NA	Solid	5035	
880-68243-5	BH - 1 (5')	Total/NA	Solid	5035	
880-68243-6	BH - 1 (6')	Total/NA	Solid	5035	
880-68243-7	BH - 1 (7')	Total/NA	Solid	5035	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	5035	
880-68243-9	BH - 2 (2')	Total/NA	Solid	5035	
880-68243-10	BH - 2 (3')	Total/NA	Solid	5035	
MB 880-132181/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132181/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132181/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68243-1 MS	BH - 1 (0-1')	Total/NA	Solid	5035	
880-68243-1 MSD	BH - 1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 132215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-13	BH - 2 (6')	Total/NA	Solid	5035	
880-68243-14	BH - 2 (7')	Total/NA	Solid	5035	
880-68243-15	BH - 2 (8')	Total/NA	Solid	5035	
880-68243-16	BH - 2 (9')	Total/NA	Solid	5035	
880-68243-17	BH - 2 (10')	Total/NA	Solid	5035	
880-68243-18	BH - 2 (15')	Total/NA	Solid	5035	
MB 880-132215/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 132217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	5035	
880-68243-20	BH - 3 (2')	Total/NA	Solid	5035	
880-68243-21	BH - 3 (3')	Total/NA	Solid	5035	
880-68243-22	BH - 3 (4')	Total/NA	Solid	5035	
880-68243-27	BH - 3 (9')	Total/NA	Solid	5035	
880-68243-28	BH - 3 (10')	Total/NA	Solid	5035	
MB 880-132217/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	Total BTEX	
880-68243-2	BH - 1 (2')	Total/NA	Solid	Total BTEX	
880-68243-3	BH - 1 (3')	Total/NA	Solid	Total BTEX	
880-68243-4	BH - 1 (4')	Total/NA	Solid	Total BTEX	
880-68243-5	BH - 1 (5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 132258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-6	BH - 1 (6')	Total/NA	Solid	Total BTEX	
880-68243-7	BH - 1 (7')	Total/NA	Solid	Total BTEX	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	Total BTEX	
880-68243-9	BH - 2 (2')	Total/NA	Solid	Total BTEX	
880-68243-10	BH - 2 (3')	Total/NA	Solid	Total BTEX	
880-68243-11	BH - 2 (4')	Total/NA	Solid	Total BTEX	
880-68243-12	BH - 2 (5')	Total/NA	Solid	Total BTEX	
880-68243-13	BH - 2 (6')	Total/NA	Solid	Total BTEX	
880-68243-14	BH - 2 (7')	Total/NA	Solid	Total BTEX	
880-68243-15	BH - 2 (8')	Total/NA	Solid	Total BTEX	
880-68243-16	BH - 2 (9')	Total/NA	Solid	Total BTEX	
880-68243-17	BH - 2 (10')	Total/NA	Solid	Total BTEX	
880-68243-18	BH - 2 (15')	Total/NA	Solid	Total BTEX	
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	Total BTEX	
880-68243-20	BH - 3 (2')	Total/NA	Solid	Total BTEX	
880-68243-21	BH - 3 (3')	Total/NA	Solid	Total BTEX	
880-68243-22	BH - 3 (4')	Total/NA	Solid	Total BTEX	
880-68243-23	BH - 3 (5')	Total/NA	Solid	Total BTEX	
880-68243-24	BH - 3 (6')	Total/NA	Solid	Total BTEX	
880-68243-25	BH - 3 (7')	Total/NA	Solid	Total BTEX	
880-68243-26	BH - 3 (8')	Total/NA	Solid	Total BTEX	
880-68243-27	BH - 3 (9')	Total/NA	Solid	Total BTEX	
880-68243-28	BH - 3 (10')	Total/NA	Solid	Total BTEX	

Prep Batch: 132259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	5035	
880-68243-12	BH - 2 (5')	Total/NA	Solid	5035	
880-68243-23	BH - 3 (5')	Total/NA	Solid	5035	
880-68243-24	BH - 3 (6')	Total/NA	Solid	5035	
880-68243-25	BH - 3 (7')	Total/NA	Solid	5035	
880-68243-26	BH - 3 (8')	Total/NA	Solid	5035	
MB 880-132259/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132259/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132259/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68243-23 MS	BH - 3 (5')	Total/NA	Solid	5035	
880-68243-23 MSD	BH - 3 (5')	Total/NA	Solid	5035	

Analysis Batch: 132321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	8021B	132259
880-68243-12	BH - 2 (5')	Total/NA	Solid	8021B	132259
880-68243-23	BH - 3 (5')	Total/NA	Solid	8021B	132259
880-68243-24	BH - 3 (6')	Total/NA	Solid	8021B	132259
880-68243-25	BH - 3 (7')	Total/NA	Solid	8021B	132259
880-68243-26	BH - 3 (8')	Total/NA	Solid	8021B	132259
MB 880-132259/5-A	Method Blank	Total/NA	Solid	8021B	132259
LCS 880-132259/1-A	Lab Control Sample	Total/NA	Solid	8021B	132259
LCSD 880-132259/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132259
880-68243-23 MS	BH - 3 (5')	Total/NA	Solid	8021B	132259
880-68243-23 MSD	BH - 3 (5')	Total/NA	Solid	8021B	132259

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 131772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68243-2	BH - 1 (2')	Total/NA	Solid	8015NM Prep	
880-68243-3	BH - 1 (3')	Total/NA	Solid	8015NM Prep	
880-68243-4	BH - 1 (4')	Total/NA	Solid	8015NM Prep	
880-68243-5	BH - 1 (5')	Total/NA	Solid	8015NM Prep	
880-68243-6	BH - 1 (6')	Total/NA	Solid	8015NM Prep	
880-68243-7	BH - 1 (7')	Total/NA	Solid	8015NM Prep	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68243-9	BH - 2 (2')	Total/NA	Solid	8015NM Prep	
880-68243-10	BH - 2 (3')	Total/NA	Solid	8015NM Prep	
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68242-A-10-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68242-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 131773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	8015NM Prep	
880-68243-12	BH - 2 (5')	Total/NA	Solid	8015NM Prep	
880-68243-13	BH - 2 (6')	Total/NA	Solid	8015NM Prep	
880-68243-14	BH - 2 (7')	Total/NA	Solid	8015NM Prep	
880-68243-15	BH - 2 (8')	Total/NA	Solid	8015NM Prep	
880-68243-16	BH - 2 (9')	Total/NA	Solid	8015NM Prep	
880-68243-17	BH - 2 (10')	Total/NA	Solid	8015NM Prep	
880-68243-18	BH - 2 (15')	Total/NA	Solid	8015NM Prep	
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68243-20	BH - 3 (2')	Total/NA	Solid	8015NM Prep	
880-68243-21	BH - 3 (3')	Total/NA	Solid	8015NM Prep	
880-68243-22	BH - 3 (4')	Total/NA	Solid	8015NM Prep	
880-68243-23	BH - 3 (5')	Total/NA	Solid	8015NM Prep	
880-68243-24	BH - 3 (6')	Total/NA	Solid	8015NM Prep	
880-68243-25	BH - 3 (7')	Total/NA	Solid	8015NM Prep	
880-68243-26	BH - 3 (8')	Total/NA	Solid	8015NM Prep	
880-68243-27	BH - 3 (9')	Total/NA	Solid	8015NM Prep	
880-68243-28	BH - 3 (10')	Total/NA	Solid	8015NM Prep	
MB 880-131773/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131773/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131773/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68243-11 MS	BH - 2 (4')	Total/NA	Solid	8015NM Prep	
880-68243-11 MSD	BH - 2 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8015B NM	131772
880-68243-2	BH - 1 (2')	Total/NA	Solid	8015B NM	131772
880-68243-3	BH - 1 (3')	Total/NA	Solid	8015B NM	131772
880-68243-4	BH - 1 (4')	Total/NA	Solid	8015B NM	131772
880-68243-5	BH - 1 (5')	Total/NA	Solid	8015B NM	131772
880-68243-6	BH - 1 (6')	Total/NA	Solid	8015B NM	131772
880-68243-7	BH - 1 (7')	Total/NA	Solid	8015B NM	131772

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 132020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8015B NM	131772
880-68243-9	BH - 2 (2')	Total/NA	Solid	8015B NM	131772
880-68243-10	BH - 2 (3')	Total/NA	Solid	8015B NM	131772
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015B NM	131772
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131772
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131772
880-68242-A-10-D MS	Matrix Spike	Total/NA	Solid	8015B NM	131772
880-68242-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131772

Analysis Batch: 132163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-11	BH - 2 (4')	Total/NA	Solid	8015B NM	131773
880-68243-12	BH - 2 (5')	Total/NA	Solid	8015B NM	131773
880-68243-13	BH - 2 (6')	Total/NA	Solid	8015B NM	131773
880-68243-14	BH - 2 (7')	Total/NA	Solid	8015B NM	131773
880-68243-15	BH - 2 (8')	Total/NA	Solid	8015B NM	131773
880-68243-16	BH - 2 (9')	Total/NA	Solid	8015B NM	131773
880-68243-17	BH - 2 (10')	Total/NA	Solid	8015B NM	131773
880-68243-18	BH - 2 (15')	Total/NA	Solid	8015B NM	131773
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8015B NM	131773
880-68243-20	BH - 3 (2')	Total/NA	Solid	8015B NM	131773
880-68243-21	BH - 3 (3')	Total/NA	Solid	8015B NM	131773
880-68243-22	BH - 3 (4')	Total/NA	Solid	8015B NM	131773
880-68243-23	BH - 3 (5')	Total/NA	Solid	8015B NM	131773
880-68243-24	BH - 3 (6')	Total/NA	Solid	8015B NM	131773
880-68243-25	BH - 3 (7')	Total/NA	Solid	8015B NM	131773
880-68243-26	BH - 3 (8')	Total/NA	Solid	8015B NM	131773
880-68243-27	BH - 3 (9')	Total/NA	Solid	8015B NM	131773
880-68243-28	BH - 3 (10')	Total/NA	Solid	8015B NM	131773
MB 880-131773/1-A	Method Blank	Total/NA	Solid	8015B NM	131773
LCS 880-131773/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131773
LCSD 880-131773/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131773
880-68243-11 MS	BH - 2 (4')	Total/NA	Solid	8015B NM	131773
880-68243-11 MSD	BH - 2 (4')	Total/NA	Solid	8015B NM	131773

Analysis Batch: 132201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Total/NA	Solid	8015 NM	
880-68243-2	BH - 1 (2')	Total/NA	Solid	8015 NM	
880-68243-3	BH - 1 (3')	Total/NA	Solid	8015 NM	
880-68243-4	BH - 1 (4')	Total/NA	Solid	8015 NM	
880-68243-5	BH - 1 (5')	Total/NA	Solid	8015 NM	
880-68243-6	BH - 1 (6')	Total/NA	Solid	8015 NM	
880-68243-7	BH - 1 (7')	Total/NA	Solid	8015 NM	
880-68243-8	BH - 2 (0-1')	Total/NA	Solid	8015 NM	
880-68243-9	BH - 2 (2')	Total/NA	Solid	8015 NM	
880-68243-10	BH - 2 (3')	Total/NA	Solid	8015 NM	
880-68243-11	BH - 2 (4')	Total/NA	Solid	8015 NM	
880-68243-12	BH - 2 (5')	Total/NA	Solid	8015 NM	
880-68243-13	BH - 2 (6')	Total/NA	Solid	8015 NM	
880-68243-14	BH - 2 (7')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 132201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-15	BH - 2 (8')	Total/NA	Solid	8015 NM	
880-68243-16	BH - 2 (9')	Total/NA	Solid	8015 NM	
880-68243-17	BH - 2 (10')	Total/NA	Solid	8015 NM	
880-68243-18	BH - 2 (15')	Total/NA	Solid	8015 NM	
880-68243-19	BH - 3 (0-1')	Total/NA	Solid	8015 NM	
880-68243-20	BH - 3 (2')	Total/NA	Solid	8015 NM	
880-68243-21	BH - 3 (3')	Total/NA	Solid	8015 NM	
880-68243-22	BH - 3 (4')	Total/NA	Solid	8015 NM	
880-68243-23	BH - 3 (5')	Total/NA	Solid	8015 NM	
880-68243-24	BH - 3 (6')	Total/NA	Solid	8015 NM	
880-68243-25	BH - 3 (7')	Total/NA	Solid	8015 NM	
880-68243-26	BH - 3 (8')	Total/NA	Solid	8015 NM	
880-68243-27	BH - 3 (9')	Total/NA	Solid	8015 NM	
880-68243-28	BH - 3 (10')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Soluble	Solid	DI Leach	
MB 880-131758/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68242-A-2-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68242-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 131761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-2	BH - 1 (2')	Soluble	Solid	DI Leach	
880-68243-3	BH - 1 (3')	Soluble	Solid	DI Leach	
880-68243-4	BH - 1 (4')	Soluble	Solid	DI Leach	
880-68243-5	BH - 1 (5')	Soluble	Solid	DI Leach	
880-68243-6	BH - 1 (6')	Soluble	Solid	DI Leach	
880-68243-7	BH - 1 (7')	Soluble	Solid	DI Leach	
880-68243-8	BH - 2 (0-1')	Soluble	Solid	DI Leach	
880-68243-9	BH - 2 (2')	Soluble	Solid	DI Leach	
880-68243-10	BH - 2 (3')	Soluble	Solid	DI Leach	
880-68243-11	BH - 2 (4')	Soluble	Solid	DI Leach	
880-68243-12	BH - 2 (5')	Soluble	Solid	DI Leach	
880-68243-13	BH - 2 (6')	Soluble	Solid	DI Leach	
880-68243-14	BH - 2 (7')	Soluble	Solid	DI Leach	
880-68243-15	BH - 2 (8')	Soluble	Solid	DI Leach	
880-68243-16	BH - 2 (9')	Soluble	Solid	DI Leach	
880-68243-17	BH - 2 (10')	Soluble	Solid	DI Leach	
880-68243-18	BH - 2 (15')	Soluble	Solid	DI Leach	
880-68243-19	BH - 3 (0-1')	Soluble	Solid	DI Leach	
880-68243-20	BH - 3 (2')	Soluble	Solid	DI Leach	
880-68243-21	BH - 3 (3')	Soluble	Solid	DI Leach	
MB 880-131761/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131761/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131761/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 131761 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-2 MS	BH - 1 (2')	Soluble	Solid	DI Leach	
880-68243-2 MSD	BH - 1 (2')	Soluble	Solid	DI Leach	
880-68243-12 MS	BH - 2 (5')	Soluble	Solid	DI Leach	
880-68243-12 MSD	BH - 2 (5')	Soluble	Solid	DI Leach	

Leach Batch: 131762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-22	BH - 3 (4')	Soluble	Solid	DI Leach	
880-68243-23	BH - 3 (5')	Soluble	Solid	DI Leach	
880-68243-24	BH - 3 (6')	Soluble	Solid	DI Leach	
880-68243-25	BH - 3 (7')	Soluble	Solid	DI Leach	
880-68243-26	BH - 3 (8')	Soluble	Solid	DI Leach	
880-68243-27	BH - 3 (9')	Soluble	Solid	DI Leach	
880-68243-28	BH - 3 (10')	Soluble	Solid	DI Leach	
MB 880-131762/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68243-22 MS	BH - 3 (4')	Soluble	Solid	DI Leach	
880-68243-22 MSD	BH - 3 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 131869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-1	BH - 1 (0-1')	Soluble	Solid	300.0	131758
MB 880-131758/1-A	Method Blank	Soluble	Solid	300.0	131758
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	300.0	131758
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131758
880-68242-A-2-B MS	Matrix Spike	Soluble	Solid	300.0	131758
880-68242-A-2-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131758

Analysis Batch: 131870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-22	BH - 3 (4')	Soluble	Solid	300.0	131762
880-68243-23	BH - 3 (5')	Soluble	Solid	300.0	131762
880-68243-24	BH - 3 (6')	Soluble	Solid	300.0	131762
880-68243-25	BH - 3 (7')	Soluble	Solid	300.0	131762
880-68243-26	BH - 3 (8')	Soluble	Solid	300.0	131762
880-68243-27	BH - 3 (9')	Soluble	Solid	300.0	131762
880-68243-28	BH - 3 (10')	Soluble	Solid	300.0	131762
MB 880-131762/1-A	Method Blank	Soluble	Solid	300.0	131762
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	300.0	131762
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131762
880-68243-22 MS	BH - 3 (4')	Soluble	Solid	300.0	131762
880-68243-22 MSD	BH - 3 (4')	Soluble	Solid	300.0	131762

Analysis Batch: 131876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-2	BH - 1 (2')	Soluble	Solid	300.0	131761
880-68243-3	BH - 1 (3')	Soluble	Solid	300.0	131761
880-68243-4	BH - 1 (4')	Soluble	Solid	300.0	131761
880-68243-5	BH - 1 (5')	Soluble	Solid	300.0	131761
880-68243-6	BH - 1 (6')	Soluble	Solid	300.0	131761

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131876 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-7	BH - 1 (7')	Soluble	Solid	300.0	131761
880-68243-8	BH - 2 (0-1')	Soluble	Solid	300.0	131761
880-68243-9	BH - 2 (2')	Soluble	Solid	300.0	131761
880-68243-10	BH - 2 (3')	Soluble	Solid	300.0	131761
880-68243-11	BH - 2 (4')	Soluble	Solid	300.0	131761
880-68243-12	BH - 2 (5')	Soluble	Solid	300.0	131761
880-68243-13	BH - 2 (6')	Soluble	Solid	300.0	131761
880-68243-14	BH - 2 (7')	Soluble	Solid	300.0	131761
880-68243-15	BH - 2 (8')	Soluble	Solid	300.0	131761
880-68243-16	BH - 2 (9')	Soluble	Solid	300.0	131761
880-68243-17	BH - 2 (10')	Soluble	Solid	300.0	131761
880-68243-18	BH - 2 (15')	Soluble	Solid	300.0	131761
880-68243-19	BH - 3 (0-1')	Soluble	Solid	300.0	131761
880-68243-20	BH - 3 (2')	Soluble	Solid	300.0	131761
880-68243-21	BH - 3 (3')	Soluble	Solid	300.0	131761
MB 880-131761/1-A	Method Blank	Soluble	Solid	300.0	131761
LCS 880-131761/2-A	Lab Control Sample	Soluble	Solid	300.0	131761
LCSD 880-131761/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131761
880-68243-2 MS	BH - 1 (2')	Soluble	Solid	300.0	131761
880-68243-2 MSD	BH - 1 (2')	Soluble	Solid	300.0	131761
880-68243-12 MS	BH - 2 (5')	Soluble	Solid	300.0	131761
880-68243-12 MSD	BH - 2 (5')	Soluble	Solid	300.0	131761

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68243-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 22:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 22:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 22:42	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:33	CS	EET MID

Client Sample ID: BH - 1 (2')

Lab Sample ID: 880-68243-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 22:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 22:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 22:57	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:19	CS	EET MID

Client Sample ID: BH - 1 (3')

Lab Sample ID: 880-68243-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 22:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 23:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:11	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:36	CS	EET MID

Client Sample ID: BH - 1 (4')

Lab Sample ID: 880-68243-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 23:09	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (4')

Lab Sample ID: 880-68243-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132201	02/17/26 23:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:26	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:41	CS	EET MID

Client Sample ID: BH - 1 (5')

Lab Sample ID: 880-68243-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 23:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 23:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:40	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:47	CS	EET MID

Client Sample ID: BH - 1 (6')

Lab Sample ID: 880-68243-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/17/26 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/17/26 23:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/17/26 23:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 23:55	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 14:52	CS	EET MID

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/18/26 00:09	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 1 (7')

Lab Sample ID: 880-68243-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:10	CS	EET MID

Client Sample ID: BH - 2 (0-1')

Lab Sample ID: 880-68243-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 00:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 00:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/18/26 00:24	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:15	CS	EET MID

Client Sample ID: BH - 2 (2')

Lab Sample ID: 880-68243-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/18/26 00:37	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:21	CS	EET MID

Client Sample ID: BH - 2 (3')

Lab Sample ID: 880-68243-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132181	02/17/26 09:11	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132045	02/18/26 01:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 01:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 00:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/18/26 00:53	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:26	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (4')

Lab Sample ID: 880-68243-11

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132321	02/19/26 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 12:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 10:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 10:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:32	CS	EET MID

Client Sample ID: BH - 2 (5')

Lab Sample ID: 880-68243-12

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132321	02/19/26 13:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 13:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 10:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 10:49	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:38	CS	EET MID

Client Sample ID: BH - 2 (6')

Lab Sample ID: 880-68243-13

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 11:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:03	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 15:55	CS	EET MID

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:21	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (7')

Lab Sample ID: 880-68243-14

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132201	02/18/26 11:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:19	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:00	CS	EET MID

Client Sample ID: BH - 2 (8')

Lab Sample ID: 880-68243-15

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 18:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 11:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:34	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:17	CS	EET MID

Client Sample ID: BH - 2 (9')

Lab Sample ID: 880-68243-16

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 19:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 11:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 11:49	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:23	CS	EET MID

Client Sample ID: BH - 2 (10')

Lab Sample ID: 880-68243-17

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 19:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 19:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:04	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (10')

Lab Sample ID: 880-68243-17

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:29	CS	EET MID

Client Sample ID: BH - 2 (15')

Lab Sample ID: 880-68243-18

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 19:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:19	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:34	CS	EET MID

Client Sample ID: BH - 3 (0-1')

Lab Sample ID: 880-68243-19

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 17:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 17:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:34	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:40	CS	EET MID

Client Sample ID: BH - 3 (2')

Lab Sample ID: 880-68243-20

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 17:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 17:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 12:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 12:49	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:46	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (3')

Lab Sample ID: 880-68243-21

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 17:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 17:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 13:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 13:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131761	02/13/26 13:37	SI	EET MID
Soluble	Analysis	300.0		1			131876	02/16/26 16:51	CS	EET MID

Client Sample ID: BH - 3 (4')

Lab Sample ID: 880-68243-22

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 13:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 13:35	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 10:53	CS	EET MID

Client Sample ID: BH - 3 (5')

Lab Sample ID: 880-68243-23

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 10:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 10:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 13:50	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 13:50	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 11:54	CS	EET MID

Client Sample ID: BH - 3 (6')

Lab Sample ID: 880-68243-24

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 11:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 11:02	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (6')

Lab Sample ID: 880-68243-24

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132201	02/18/26 14:06	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:06	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:00	CS	EET MID

Client Sample ID: BH - 3 (7')

Lab Sample ID: 880-68243-25

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 11:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 11:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:21	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:07	CS	EET MID

Client Sample ID: BH - 3 (8')

Lab Sample ID: 880-68243-26

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132259	02/18/26 13:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132321	02/19/26 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/19/26 11:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:35	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:14	CS	EET MID

Client Sample ID: BH - 3 (9')

Lab Sample ID: 880-68243-27

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 18:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 14:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 14:51	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Client Sample ID: BH - 3 (9')
 Date Collected: 02/13/26 00:00
 Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-27
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:34	CS	EET MID

Client Sample ID: BH - 3 (10')
 Date Collected: 02/13/26 00:00
 Date Received: 02/13/26 11:36

Lab Sample ID: 880-68243-28
 Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132258	02/18/26 18:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			132201	02/18/26 15:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131773	02/13/26 14:11	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132163	02/18/26 15:05	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 12:41	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: Lea Fed East BT20021

Job ID: 880-68243-1
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

- 1
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Method Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68243-1
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: Lea Fed East BT20021

Job ID: 880-68243-1
 SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68243-1	BH - 1 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-2	BH - 1 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-3	BH - 1 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-4	BH - 1 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-5	BH - 1 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-6	BH - 1 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-7	BH - 1 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-8	BH - 2 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-9	BH - 2 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-10	BH - 2 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-11	BH - 2 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-12	BH - 2 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-13	BH - 2 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-14	BH - 2 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-15	BH - 2 (8')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-16	BH - 2 (9')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-17	BH - 2 (10')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-18	BH - 2 (15')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-19	BH - 3 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-20	BH - 3 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-21	BH - 3 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-22	BH - 3 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-23	BH - 3 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-24	BH - 3 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-25	BH - 3 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-26	BH - 3 (8')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-27	BH - 3 (9')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68243-28	BH - 3 (10')	Solid	02/13/26 00:00	02/13/26 11:36	Texas

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Chain of Custody

Work Order No: _____

Page 2 of 3

Project Manager: Ashton Thielke	Bill to: (if different)
Company Name: Carmona Resources	Company Name: Climarex 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

Program: USTR/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/> State of Project: _____ Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/> Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	Work Order Comments None: NO <input type="checkbox"/> DI Water: H ₂ O Cool: Cool <input type="checkbox"/> MeOH: Me HCL: HC <input type="checkbox"/> HNO ₃ : HN H ₂ SO ₄ : H ₂ <input type="checkbox"/> NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
--	--

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
BH-2 (4)	2/13/2026		X		G	1	X	X	X	
BH-2 (5)	2/13/2026		X		G	1	X	X	X	
BH-2 (6)	2/13/2026		X		G	1	X	X	X	
BH-2 (7)	2/13/2026		X		G	1	X	X	X	
BH-2 (8)	2/13/2026		X		G	1	X	X	X	
BH-2 (9)	2/13/2026		X		G	1	X	X	X	
BH-2 (10)	2/13/2026		X		G	1	X	X	X	
BH-2 (15)	2/13/2026		X		G	1	X	X	X	
BH-3 (0-1)	2/13/2026		X		G	1	X	X	X	
BH-3 (2)	2/13/2026		X		G	1	X	X	X	

Comments: _____

Relinquished by: (Signature) 	Date/Time: 2-13-26 11:36
Received by: (Signature) 	Date/Time: 2-13-26 11:36

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68243-1
SDG Number: Lea County New Mexico

Login Number: 68243
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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 2/18/2026 8:22:51 PM

JOB DESCRIPTION

Lea Fed East BT20021
 Lea County New Mexico

JOB NUMBER

880-68242-1

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
2/18/2026 8:22:51 PM

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

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Laboratory Job ID: 880-68242-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
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, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Lea Fed East BT20021

Job ID: 880-68242-1

Job ID: 880-68242-1

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Job Narrative 880-68242-1

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 2/13/2026 11:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH-4 (0-1') (880-68242-1), BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4), BH-4 (5') (880-68242-5), BH-4 (6') (880-68242-6), BH-4 (7') (880-68242-7), BH-4 (8') (880-68242-8), BH-4 (9') (880-68242-9) and BH-4 (10') (880-68242-10).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-4 (0-1') (880-68242-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132217 and analytical batch 880-132168 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: BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4), BH-4 (5') (880-68242-5), BH-4 (6') (880-68242-6) and BH-4 (7') (880-68242-7). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4) and BH-4 (5') (880-68242-5). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following sample was outside control limits: BH-4 (5') (880-68242-5). 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: BH-4 (0-1') (880-68242-1), BH-4 (2') (880-68242-2), BH-4 (3') (880-68242-3), BH-4 (4') (880-68242-4), BH-4 (5') (880-68242-5), BH-4 (6') (880-68242-6), (880-68242-A-10-D MS) and (880-68242-A-10-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-131772/3-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.

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Case Narrative

Client: Carmona Resources
Project: Lea Fed East BT20021

Job ID: 880-68242-1

Job ID: 880-68242-1 (Continued)

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (0-1')

Lab Sample ID: 880-68242-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00266		0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
Toluene	0.0187	F1	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
Ethylbenzene	0.0127	F1	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
m-Xylene & p-Xylene	0.190		0.00399		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
o-Xylene	0.112		0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:24	1
Xylenes, Total	0.302		0.00399		mg/Kg		02/18/26 07:00	02/18/26 12:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	197	S1+	70 - 130	02/18/26 07:00	02/18/26 12:24	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 07:00	02/18/26 12:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.336		0.00399		mg/Kg			02/18/26 12:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1250		50.0		mg/Kg			02/17/26 20:18	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	83.5		50.0		mg/Kg		02/13/26 14:04	02/17/26 20:18	1
Diesel Range Organics (Over C10-C28)	1060		50.0		mg/Kg		02/13/26 14:04	02/17/26 20:18	1
Oil Range Organics (Over C28-C36)	110		50.0		mg/Kg		02/13/26 14:04	02/17/26 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	02/13/26 14:04	02/17/26 20:18	1
o-Terphenyl (Surr)	139	S1+	70 - 130	02/13/26 14:04	02/17/26 20:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.8		9.90		mg/Kg			02/16/26 12:15	1

Client Sample ID: BH-4 (2')

Lab Sample ID: 880-68242-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
Toluene	1.94		0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
Ethylbenzene	0.747		0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
m-Xylene & p-Xylene	4.04		0.0805		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
o-Xylene	3.44		0.0402		mg/Kg		02/18/26 11:08	02/18/26 14:28	20
Xylenes, Total	7.48		0.0805		mg/Kg		02/18/26 11:08	02/18/26 14:28	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	398	S1+	70 - 130	02/18/26 11:08	02/18/26 14:28	20
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 14:28	20

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (2')

Lab Sample ID: 880-68242-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	10.2		0.0805		mg/Kg			02/18/26 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6510		249		mg/Kg			02/17/26 20:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	872		249		mg/Kg		02/13/26 14:04	02/17/26 20:33	5
Diesel Range Organics (Over C10-C28)	5350		249		mg/Kg		02/13/26 14:04	02/17/26 20:33	5
Oil Range Organics (Over C28-C36)	283		249		mg/Kg		02/13/26 14:04	02/17/26 20:33	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	155	S1+	70 - 130	02/13/26 14:04	02/17/26 20:33	5
o-Terphenyl (Surr)	216	S1+	70 - 130	02/13/26 14:04	02/17/26 20:33	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.4		10.1		mg/Kg			02/16/26 12:20	1

Client Sample ID: BH-4 (3')

Lab Sample ID: 880-68242-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0404	U	0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Toluene	1.89		0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Ethylbenzene	0.848		0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
m-Xylene & p-Xylene	1.48		0.0808		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
o-Xylene	7.17		0.0404		mg/Kg		02/18/26 11:08	02/18/26 14:49	20
Xylenes, Total	8.65		0.0808		mg/Kg		02/18/26 11:08	02/18/26 14:49	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	412	S1+	70 - 130	02/18/26 11:08	02/18/26 14:49	20
1,4-Difluorobenzene (Surr)	110		70 - 130	02/18/26 11:08	02/18/26 14:49	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	11.4		0.0808		mg/Kg			02/18/26 14:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6760		250		mg/Kg			02/17/26 20:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	946		250		mg/Kg		02/13/26 14:04	02/17/26 20:47	5

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (3')

Lab Sample ID: 880-68242-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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)	5560		250		mg/Kg		02/13/26 14:04	02/17/26 20:47	5
Oil Range Organics (Over C28-C36)	255		250		mg/Kg		02/13/26 14:04	02/17/26 20:47	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	158	S1+	70 - 130				02/13/26 14:04	02/17/26 20:47	5
o-Terphenyl (Surr)	211	S1+	70 - 130				02/13/26 14:04	02/17/26 20:47	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		9.90		mg/Kg			02/16/26 12:37	1

Client Sample ID: BH-4 (4')

Lab Sample ID: 880-68242-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Toluene	0.0613		0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Ethylbenzene	1.21		0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
m-Xylene & p-Xylene	14.6		0.0795		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
o-Xylene	5.75		0.0398		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Xylenes, Total	20.4		0.0795		mg/Kg		02/18/26 11:08	02/18/26 15:09	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	391	S1+	70 - 130				02/18/26 11:08	02/18/26 15:09	20
1,4-Difluorobenzene (Surr)	108		70 - 130				02/18/26 11:08	02/18/26 15:09	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	21.6		0.0795		mg/Kg			02/18/26 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4600		249		mg/Kg			02/17/26 21:02	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	723		249		mg/Kg		02/13/26 14:04	02/17/26 21:02	5
Diesel Range Organics (Over C10-C28)	3880		249		mg/Kg		02/13/26 14:04	02/17/26 21:02	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		02/13/26 14:04	02/17/26 21:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	S1+	70 - 130				02/13/26 14:04	02/17/26 21:02	5
o-Terphenyl (Surr)	185	S1+	70 - 130				02/13/26 14:04	02/17/26 21:02	5

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			02/16/26 12:43	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (5')

Lab Sample ID: 880-68242-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0396	U	0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
Toluene	<0.0396	U	0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
Ethylbenzene	7.21		0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
m-Xylene & p-Xylene	20.0		2.01		mg/Kg		02/18/26 11:38	02/18/26 18:45	500
o-Xylene	4.61		0.0396		mg/Kg		02/18/26 11:08	02/18/26 15:30	20
Xylenes, Total	26.9		2.01		mg/Kg		02/18/26 11:38	02/18/26 18:45	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	491	S1+	70 - 130	02/18/26 11:08	02/18/26 15:30	20
1,4-Difluorobenzene (Surr)	109		70 - 130	02/18/26 11:08	02/18/26 15:30	20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	31.8		2.01		mg/Kg			02/18/26 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	4440		250		mg/Kg			02/17/26 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	774		250		mg/Kg		02/13/26 14:04	02/17/26 21:16	5
Diesel Range Organics (Over C10-C28)	3670		250		mg/Kg		02/13/26 14:04	02/17/26 21:16	5
Oil Range Organics (Over C28-C36)	<250	U	250		mg/Kg		02/13/26 14:04	02/17/26 21:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	164	S1+	70 - 130	02/13/26 14:04	02/17/26 21:16	5
o-Terphenyl (Surr)	195	S1+	70 - 130	02/13/26 14:04	02/17/26 21:16	5

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		10.0		mg/Kg			02/16/26 13:00	1

Client Sample ID: BH-4 (6')

Lab Sample ID: 880-68242-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 12:45	1
Toluene	0.0394		0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
Ethylbenzene	0.0250		0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
m-Xylene & p-Xylene	0.0496		0.00402		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
o-Xylene	0.00564		0.00201		mg/Kg		02/18/26 11:08	02/18/26 12:45	1
Xylenes, Total	0.0552		0.00402		mg/Kg		02/18/26 11:08	02/18/26 12:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	S1+	70 - 130	02/18/26 11:08	02/18/26 12:45	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/18/26 11:08	02/18/26 12:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (6')

Lab Sample ID: 880-68242-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.120		0.00402		mg/Kg			02/18/26 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	831		49.8		mg/Kg			02/17/26 21:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	75.1		49.8		mg/Kg		02/13/26 14:04	02/17/26 21:31	1
Diesel Range Organics (Over C10-C28)	756		49.8		mg/Kg		02/13/26 14:04	02/17/26 21:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:04	02/17/26 21:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				02/13/26 14:04	02/17/26 21:31	1
o-Terphenyl (Surr)	147	S1+	70 - 130				02/13/26 14:04	02/17/26 21:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.7		9.96		mg/Kg			02/16/26 13:05	1

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 13:06	1
Toluene	0.0107		0.00202		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
Ethylbenzene	0.0106		0.00202		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
m-Xylene & p-Xylene	0.00710		0.00404		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
o-Xylene	0.0104		0.00202		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
Xylenes, Total	0.0175		0.00404		mg/Kg		02/18/26 11:08	02/18/26 13:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	177	S1+	70 - 130				02/18/26 11:08	02/18/26 13:06	1
1,4-Difluorobenzene (Surr)	108		70 - 130				02/18/26 11:08	02/18/26 13:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0388		0.00404		mg/Kg			02/18/26 13:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	222		50.0		mg/Kg			02/17/26 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 21:44	1
Diesel Range Organics (Over C10-C28)	222		50.0		mg/Kg		02/13/26 14:04	02/17/26 21:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:04	02/17/26 21:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/13/26 14:04	02/17/26 21:44	1
o-Terphenyl (Surr)	120		70 - 130				02/13/26 14:04	02/17/26 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44.6		10.1		mg/Kg			02/16/26 13:11	1

Client Sample ID: BH-4 (8')

Lab Sample ID: 880-68242-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 13:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 11:08	02/18/26 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/18/26 11:08	02/18/26 13:26	1
1,4-Difluorobenzene (Surr)	109		70 - 130				02/18/26 11:08	02/18/26 13:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/18/26 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	70.2		49.9		mg/Kg			02/17/26 21:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 21:59	1
Diesel Range Organics (Over C10-C28)	70.2		49.9		mg/Kg		02/13/26 14:04	02/17/26 21:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 21:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/13/26 14:04	02/17/26 21:59	1
o-Terphenyl (Surr)	116		70 - 130				02/13/26 14:04	02/17/26 21:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.4		10.1		mg/Kg			02/16/26 13:17	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (9')

Lab Sample ID: 880-68242-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 13:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
o-Xylene	0.0118		0.00198		mg/Kg		02/18/26 11:08	02/18/26 13:47	1
Xylenes, Total	0.0118		0.00396		mg/Kg		02/18/26 11:08	02/18/26 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/18/26 11:08	02/18/26 13:47	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/18/26 11:08	02/18/26 13:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0118		0.00396		mg/Kg			02/18/26 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/17/26 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	02/13/26 14:04	02/17/26 22:13	1
o-Terphenyl (Surr)	108		70 - 130	02/13/26 14:04	02/17/26 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.3		9.96		mg/Kg			02/16/26 13:22	1

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 14:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 14:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 14:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/18/26 11:08	02/18/26 14:07	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/18/26 11:08	02/18/26 14:07	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/18/26 14:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.1		49.9		mg/Kg			02/17/26 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 19:36	1
Diesel Range Organics (Over C10-C28)	80.1		49.9		mg/Kg		02/13/26 14:04	02/17/26 19:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:04	02/17/26 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				02/13/26 14:04	02/17/26 19:36	1
o-Terphenyl (Surr)	117		70 - 130				02/13/26 14:04	02/17/26 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		10.1		mg/Kg			02/16/26 13:28	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68242-1	BH-4 (0-1')	197 S1+	110
880-68242-1 MS	BH-4 (0-1')	213 S1+	111
880-68242-1 MSD	BH-4 (0-1')	275 S1+	109
880-68242-2	BH-4 (2')	398 S1+	110
880-68242-3	BH-4 (3')	412 S1+	110
880-68242-4	BH-4 (4')	391 S1+	108
880-68242-5	BH-4 (5')	491 S1+	109
880-68242-6	BH-4 (6')	243 S1+	99
880-68242-7	BH-4 (7')	177 S1+	108
880-68242-8	BH-4 (8')	105	109
880-68242-9	BH-4 (9')	108	116
880-68242-10	BH-4 (10')	109	112
880-68275-A-1-C MS	Matrix Spike	137 S1+	84
880-68275-A-1-D MSD	Matrix Spike Duplicate	132 S1+	83
LCS 880-132217/1-A	Lab Control Sample	102	116
LCS 880-132225/1-A	Lab Control Sample	101	81
LCSD 880-132217/2-A	Lab Control Sample Dup	107	118
LCSD 880-132225/2-A	Lab Control Sample Dup	99	85
MB 880-132217/5-A	Method Blank	97	107
MB 880-132225/5-A	Method Blank	127	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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68242-1	BH-4 (0-1')	112	139 S1+
880-68242-2	BH-4 (2')	155 S1+	216 S1+
880-68242-3	BH-4 (3')	158 S1+	211 S1+
880-68242-4	BH-4 (4')	146 S1+	185 S1+
880-68242-5	BH-4 (5')	164 S1+	195 S1+
880-68242-6	BH-4 (6')	127	147 S1+
880-68242-7	BH-4 (7')	108	120
880-68242-8	BH-4 (8')	104	116
880-68242-9	BH-4 (9')	98	108
880-68242-10	BH-4 (10')	106	117
880-68242-10 MS	BH-4 (10')	143 S1+	139 S1+
880-68242-10 MSD	BH-4 (10')	140 S1+	142 S1+
LCS 880-131772/2-A	Lab Control Sample	130	125
LCSD 880-131772/3-A	Lab Control Sample Dup	137 S1+	133 S1+
MB 880-131772/1-A	Method Blank	93	99

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132217/5-A
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	02/18/26 07:00	02/18/26 12:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 07:00	02/18/26 12:03	1

Lab Sample ID: LCS 880-132217/1-A
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09804		mg/Kg		98	70 - 130
Toluene	0.100	0.08994		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-132217/2-A
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09067		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08217		mg/Kg		82	70 - 130	9	35
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130	7	35
o-Xylene	0.100	0.08258		mg/Kg		83	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68242-1 MS
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: BH-4 (0-1')
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00266		0.100	0.08139		mg/Kg		79	70 - 130
Toluene	0.0187	F1	0.100	0.07342	F1	mg/Kg		55	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-1 MS
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: BH-4 (0-1')
Prep Type: Total/NA
Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0127	F1	0.100	0.08029	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	0.190		0.200	0.3907		mg/Kg		100	70 - 130
o-Xylene	0.112		0.100	0.2099		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-68242-1 MSD
Matrix: Solid
Analysis Batch: 132168

Client Sample ID: BH-4 (0-1')
Prep Type: Total/NA
Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00266		0.100	0.08193		mg/Kg		79	70 - 130	1	35
Toluene	0.0187	F1	0.100	0.08366	F1	mg/Kg		65	70 - 130	13	35
Ethylbenzene	0.0127	F1	0.100	0.07237	F1	mg/Kg		60	70 - 130	10	35
m-Xylene & p-Xylene	0.190		0.200	0.3681		mg/Kg		89	70 - 130	6	35
o-Xylene	0.112		0.100	0.2331		mg/Kg		121	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	275	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: MB 880-132225/5-A
Matrix: Solid
Analysis Batch: 132162

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 11:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 11:20	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	02/18/26 07:00	02/18/26 11:20	1
1,4-Difluorobenzene (Surr)	84		70 - 130	02/18/26 07:00	02/18/26 11:20	1

Lab Sample ID: LCS 880-132225/1-A
Matrix: Solid
Analysis Batch: 132162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1162		mg/Kg		116	70 - 130
Toluene	0.100	0.1150		mg/Kg		115	70 - 130
Ethylbenzene	0.100	0.1127		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.1790		mg/Kg		90	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132225/1-A
Matrix: Solid
Analysis Batch: 132162

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09012		mg/Kg		90	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-132225/2-A
Matrix: Solid
Analysis Batch: 132162

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1282		mg/Kg		128	70 - 130	10	35
Toluene	0.100	0.1159		mg/Kg		116	70 - 130	1	35
Ethylbenzene	0.100	0.1090		mg/Kg		109	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130	0	35
o-Xylene	0.100	0.09045		mg/Kg		90	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 880-68275-A-1-C MS
Matrix: Solid
Analysis Batch: 132162

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1111		mg/Kg		111	70 - 130
Toluene	<0.00200	U	0.100	0.09882		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.1114		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1934		mg/Kg		97	70 - 130
o-Xylene	<0.00200	U	0.100	0.1001		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 880-68275-A-1-D MSD
Matrix: Solid
Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 132225

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1285		mg/Kg		129	70 - 130	15	35
Toluene	<0.00200	U	0.100	0.1279		mg/Kg		128	70 - 130	26	35
Ethylbenzene	<0.00200	U F1	0.100	0.1355	F1	mg/Kg		135	70 - 130	20	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2427		mg/Kg		121	70 - 130	23	35
o-Xylene	<0.00200	U	0.100	0.1229		mg/Kg		123	70 - 130	20	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68275-A-1-D MSD
 Matrix: Solid
 Analysis Batch: 132162

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 132225

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

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

Lab Sample ID: MB 880-131772/1-A
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 131772

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:04	02/17/26 18:53	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	93		70 - 130	02/13/26 14:04	02/17/26 18:53	1
o-Terphenyl (Surr)	99		70 - 130	02/13/26 14:04	02/17/26 18:53	1

Lab Sample ID: LCS 880-131772/2-A
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 131772

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	874.5		mg/Kg		87	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	130		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: LCSD 880-131772/3-A
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 131772

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	967.1		mg/Kg		97	70 - 130	10	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	137	S1+	70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-10 MS
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: BH-4 (10')
 Prep Type: Total/NA
 Prep Batch: 131772

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits	
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1010		mg/Kg		101		70 - 130	
Diesel Range Organics (Over C10-C28)	80.1		999	840.8		mg/Kg		76		70 - 130	
		<i>MS</i>	<i>MS</i>								
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>								
1-Chlorooctane (Surr)	143	S1+	70 - 130								
o-Terphenyl (Surr)	139	S1+	70 - 130								

Lab Sample ID: 880-68242-10 MSD
 Matrix: Solid
 Analysis Batch: 132020

Client Sample ID: BH-4 (10')
 Prep Type: Total/NA
 Prep Batch: 131772

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	982.8		mg/Kg		98		70 - 130	3		20
Diesel Range Organics (Over C10-C28)	80.1		999	851.9		mg/Kg		77		70 - 130	1		20
		<i>MSD</i>	<i>MSD</i>										
<i>Surrogate</i>	<i>%Recovery</i>	<i>Qualifier</i>	<i>Limits</i>										
1-Chlorooctane (Surr)	140	S1+	70 - 130										
o-Terphenyl (Surr)	142	S1+	70 - 130										

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131758/1-A
 Matrix: Solid
 Analysis Batch: 131869

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 10:44	1

Lab Sample ID: LCS 880-131758/2-A
 Matrix: Solid
 Analysis Batch: 131869

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	231.7		mg/Kg		93		90 - 110

Lab Sample ID: LCSD 880-131758/3-A
 Matrix: Solid
 Analysis Batch: 131869

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Chloride	250	231.9		mg/Kg		93		90 - 110	0	20

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68242-2 MS
Matrix: Solid
Analysis Batch: 131869

Client Sample ID: BH-4 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	13.4		252	261.0		mg/Kg		98	90 - 110

Lab Sample ID: 880-68242-2 MSD
Matrix: Solid
Analysis Batch: 131869

Client Sample ID: BH-4 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.4		252	259.1		mg/Kg		98	90 - 110	1	20

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

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-5	BH-4 (5')	Total/NA	Solid	8021B	132225
MB 880-132225/5-A	Method Blank	Total/NA	Solid	8021B	132225
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	8021B	132225
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132225
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132225
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132225

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8021B	132217
880-68242-2	BH-4 (2')	Total/NA	Solid	8021B	132217
880-68242-3	BH-4 (3')	Total/NA	Solid	8021B	132217
880-68242-4	BH-4 (4')	Total/NA	Solid	8021B	132217
880-68242-5	BH-4 (5')	Total/NA	Solid	8021B	132217
880-68242-6	BH-4 (6')	Total/NA	Solid	8021B	132217
880-68242-7	BH-4 (7')	Total/NA	Solid	8021B	132217
880-68242-8	BH-4 (8')	Total/NA	Solid	8021B	132217
880-68242-9	BH-4 (9')	Total/NA	Solid	8021B	132217
880-68242-10	BH-4 (10')	Total/NA	Solid	8021B	132217
MB 880-132217/5-A	Method Blank	Total/NA	Solid	8021B	132217
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	8021B	132217
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132217
880-68242-1 MS	BH-4 (0-1')	Total/NA	Solid	8021B	132217
880-68242-1 MSD	BH-4 (0-1')	Total/NA	Solid	8021B	132217

Prep Batch: 132217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	5035	
880-68242-2	BH-4 (2')	Total/NA	Solid	5035	
880-68242-3	BH-4 (3')	Total/NA	Solid	5035	
880-68242-4	BH-4 (4')	Total/NA	Solid	5035	
880-68242-5	BH-4 (5')	Total/NA	Solid	5035	
880-68242-6	BH-4 (6')	Total/NA	Solid	5035	
880-68242-7	BH-4 (7')	Total/NA	Solid	5035	
880-68242-8	BH-4 (8')	Total/NA	Solid	5035	
880-68242-9	BH-4 (9')	Total/NA	Solid	5035	
880-68242-10	BH-4 (10')	Total/NA	Solid	5035	
MB 880-132217/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68242-1 MS	BH-4 (0-1')	Total/NA	Solid	5035	
880-68242-1 MSD	BH-4 (0-1')	Total/NA	Solid	5035	

Prep Batch: 132225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-5	BH-4 (5')	Total/NA	Solid	5035	
MB 880-132225/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132225/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132225/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68275-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68275-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68242-2	BH-4 (2')	Total/NA	Solid	Total BTEX	
880-68242-3	BH-4 (3')	Total/NA	Solid	Total BTEX	
880-68242-4	BH-4 (4')	Total/NA	Solid	Total BTEX	
880-68242-5	BH-4 (5')	Total/NA	Solid	Total BTEX	
880-68242-6	BH-4 (6')	Total/NA	Solid	Total BTEX	
880-68242-7	BH-4 (7')	Total/NA	Solid	Total BTEX	
880-68242-8	BH-4 (8')	Total/NA	Solid	Total BTEX	
880-68242-9	BH-4 (9')	Total/NA	Solid	Total BTEX	
880-68242-10	BH-4 (10')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68242-2	BH-4 (2')	Total/NA	Solid	8015NM Prep	
880-68242-3	BH-4 (3')	Total/NA	Solid	8015NM Prep	
880-68242-4	BH-4 (4')	Total/NA	Solid	8015NM Prep	
880-68242-5	BH-4 (5')	Total/NA	Solid	8015NM Prep	
880-68242-6	BH-4 (6')	Total/NA	Solid	8015NM Prep	
880-68242-7	BH-4 (7')	Total/NA	Solid	8015NM Prep	
880-68242-8	BH-4 (8')	Total/NA	Solid	8015NM Prep	
880-68242-9	BH-4 (9')	Total/NA	Solid	8015NM Prep	
880-68242-10	BH-4 (10')	Total/NA	Solid	8015NM Prep	
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68242-10 MS	BH-4 (10')	Total/NA	Solid	8015NM Prep	
880-68242-10 MSD	BH-4 (10')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8015B NM	131772
880-68242-2	BH-4 (2')	Total/NA	Solid	8015B NM	131772
880-68242-3	BH-4 (3')	Total/NA	Solid	8015B NM	131772
880-68242-4	BH-4 (4')	Total/NA	Solid	8015B NM	131772
880-68242-5	BH-4 (5')	Total/NA	Solid	8015B NM	131772
880-68242-6	BH-4 (6')	Total/NA	Solid	8015B NM	131772
880-68242-7	BH-4 (7')	Total/NA	Solid	8015B NM	131772
880-68242-8	BH-4 (8')	Total/NA	Solid	8015B NM	131772
880-68242-9	BH-4 (9')	Total/NA	Solid	8015B NM	131772
880-68242-10	BH-4 (10')	Total/NA	Solid	8015B NM	131772
MB 880-131772/1-A	Method Blank	Total/NA	Solid	8015B NM	131772
LCS 880-131772/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131772
LCSD 880-131772/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131772
880-68242-10 MS	BH-4 (10')	Total/NA	Solid	8015B NM	131772
880-68242-10 MSD	BH-4 (10')	Total/NA	Solid	8015B NM	131772

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 132200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Total/NA	Solid	8015 NM	
880-68242-2	BH-4 (2')	Total/NA	Solid	8015 NM	
880-68242-3	BH-4 (3')	Total/NA	Solid	8015 NM	
880-68242-4	BH-4 (4')	Total/NA	Solid	8015 NM	
880-68242-5	BH-4 (5')	Total/NA	Solid	8015 NM	
880-68242-6	BH-4 (6')	Total/NA	Solid	8015 NM	
880-68242-7	BH-4 (7')	Total/NA	Solid	8015 NM	
880-68242-8	BH-4 (8')	Total/NA	Solid	8015 NM	
880-68242-9	BH-4 (9')	Total/NA	Solid	8015 NM	
880-68242-10	BH-4 (10')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Soluble	Solid	DI Leach	
880-68242-2	BH-4 (2')	Soluble	Solid	DI Leach	
880-68242-3	BH-4 (3')	Soluble	Solid	DI Leach	
880-68242-4	BH-4 (4')	Soluble	Solid	DI Leach	
880-68242-5	BH-4 (5')	Soluble	Solid	DI Leach	
880-68242-6	BH-4 (6')	Soluble	Solid	DI Leach	
880-68242-7	BH-4 (7')	Soluble	Solid	DI Leach	
880-68242-8	BH-4 (8')	Soluble	Solid	DI Leach	
880-68242-9	BH-4 (9')	Soluble	Solid	DI Leach	
880-68242-10	BH-4 (10')	Soluble	Solid	DI Leach	
MB 880-131758/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68242-2 MS	BH-4 (2')	Soluble	Solid	DI Leach	
880-68242-2 MSD	BH-4 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 131869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68242-1	BH-4 (0-1')	Soluble	Solid	300.0	131758
880-68242-2	BH-4 (2')	Soluble	Solid	300.0	131758
880-68242-3	BH-4 (3')	Soluble	Solid	300.0	131758
880-68242-4	BH-4 (4')	Soluble	Solid	300.0	131758
880-68242-5	BH-4 (5')	Soluble	Solid	300.0	131758
880-68242-6	BH-4 (6')	Soluble	Solid	300.0	131758
880-68242-7	BH-4 (7')	Soluble	Solid	300.0	131758
880-68242-8	BH-4 (8')	Soluble	Solid	300.0	131758
880-68242-9	BH-4 (9')	Soluble	Solid	300.0	131758
880-68242-10	BH-4 (10')	Soluble	Solid	300.0	131758
MB 880-131758/1-A	Method Blank	Soluble	Solid	300.0	131758
LCS 880-131758/2-A	Lab Control Sample	Soluble	Solid	300.0	131758
LCSD 880-131758/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131758
880-68242-2 MS	BH-4 (2')	Soluble	Solid	300.0	131758
880-68242-2 MSD	BH-4 (2')	Soluble	Solid	300.0	131758

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (0-1')

Lab Sample ID: 880-68242-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 07:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 12:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 20:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 20:18	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:15	CS	EET MID

Client Sample ID: BH-4 (2')

Lab Sample ID: 880-68242-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 14:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 14:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 20:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 20:33	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:20	CS	EET MID

Client Sample ID: BH-4 (3')

Lab Sample ID: 880-68242-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 14:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 14:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 20:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 20:47	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:37	CS	EET MID

Client Sample ID: BH-4 (4')

Lab Sample ID: 880-68242-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 15:09	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (4')

Lab Sample ID: 880-68242-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132200	02/17/26 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 21:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 12:43	CS	EET MID

Client Sample ID: BH-4 (5')

Lab Sample ID: 880-68242-5

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	132168	02/18/26 15:30	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	132225	02/18/26 11:38	MNR	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	132162	02/18/26 18:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 18:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	132020	02/17/26 21:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:00	CS	EET MID

Client Sample ID: BH-4 (6')

Lab Sample ID: 880-68242-6

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 12:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 12:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 21:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:05	CS	EET MID

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 13:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 13:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:44	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 SDG: Lea County New Mexico

Client Sample ID: BH-4 (7')

Lab Sample ID: 880-68242-7

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 21:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:11	CS	EET MID

Client Sample ID: BH-4 (8')

Lab Sample ID: 880-68242-8

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 13:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 13:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 21:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 21:59	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:17	CS	EET MID

Client Sample ID: BH-4 (9')

Lab Sample ID: 880-68242-9

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 13:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 13:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 22:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 22:13	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:22	CS	EET MID

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 14:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132292	02/18/26 14:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			132200	02/17/26 19:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131772	02/13/26 14:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132020	02/17/26 19:36	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Client Sample ID: BH-4 (10')

Lab Sample ID: 880-68242-10

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	131758	02/13/26 13:33	SI	EET MID
Soluble	Analysis	300.0		1			131869	02/16/26 13:28	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
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

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Method Summary

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68242-1
 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: Lea Fed East BT20021

Job ID: 880-68242-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68242-1	BH-4 (0-1')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-2	BH-4 (2')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-3	BH-4 (3')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-4	BH-4 (4')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-5	BH-4 (5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-6	BH-4 (6')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-7	BH-4 (7')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-8	BH-4 (8')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-9	BH-4 (9')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68242-10	BH-4 (10')	Solid	02/13/26 00:00	02/13/26 11:36	Texas

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Chain of Custody



880-68242 Chain of Custody

Page 1 of 1

Project Manager: Ashton Thielke
 Company Name: Carmona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988

Bill to: (if different)
 Company Name: Cimarex Energy
 Address: 600 N Marlenfield St, Suite 600
 City, State ZIP: Midland, TX 79701
 Email: lacl.luig@coterra.com & ashton.thielke@coterra.com

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

Project Name: Lea Fed East BT20021
 Project Number: 3140
 Project Location: Lea County, New Mexico
 Sampler's Name: JDC
 PO #: _____

Turn Around: Routine Rush
 Due Date: 72 hr

Temp Blank: Yes No
 Thermometer ID: _____
 Correction Factor: _____
 Wet Ice: Yes No
 Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: _____

Parameters: BTEX 8021B, TPH 8015M (GRO + DRO + MRO), Chloride 300.0

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
BH-4 (0-1')	2/13/2026		X		G	1			None: NO	
BH-4 (2')	2/13/2026		X		G	1			Cool: Cool	
BH-4 (3')	2/13/2026		X		G	1			HCL: HC	
BH-4 (4')	2/13/2026		X		G	1			H ₂ SO ₄ : H ₂	
BH-4 (5')	2/13/2026		X		G	1			H ₃ PO ₄ : HP	
BH-4 (6')	2/13/2026		X		G	1			NaHSO ₄ : NABIS	
BH-4 (7')	2/13/2026		X		G	1			Na ₂ S ₂ O ₃ : NaSO ₃	
BH-4 (8')	2/13/2026		X		G	1			Zn Acetate+NaOH: Zn	
BH-4 (9')	2/13/2026		X		G	1			NaOH+Ascorbic Acid: SAPC	
BH-4 (10')	2/13/2026		X		G	1				

Comments: _____

Relinquished by: (Signature) _____ Date/Time: 2-13-26 11:30

Received by: (Signature) _____ Date/Time: 2-13-26 11:30

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68242-1
SDG Number: Lea County New Mexico

Login Number: 68242
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 2/18/2026 8:17:54 PM

JOB DESCRIPTION

Lea Fed East BT20021
 Lea County New Mexico

JOB NUMBER

880-68245-1

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
2/18/2026 8:17:54 PM

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

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Laboratory Job ID: 880-68245-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Lea Fed East BT20021

Job ID: 880-68245-1

Job ID: 880-68245-1

Eurofins Midland

Job Narrative 880-68245-1

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 2/13/2026 11:36 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-68245-1), H-2 (0-0.5') (880-68245-2), H-3 (0-0.5') (880-68245-3) and H-4 (0-0.5') (880-68245-4).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132215 and analytical batch 880-132167 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-132215 and analytical batch 880-132167 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-68244-A-1-D MSD). 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: H-1 (0-0.5') (880-68245-1), H-2 (0-0.5') (880-68245-2), H-3 (0-0.5') (880-68245-3), H-4 (0-0.5') (880-68245-4), (LCS 880-131774/2-A), (LCSD 880-131774/3-A), (880-68244-A-3-B), (880-68244-A-3-C MS) and (880-68244-A-3-D MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131774 and analytical batch 880-132062 was outside the upper control limits.

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

HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131762 and analytical batch 880-131870 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.

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 15:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
o-Xylene	0.00341		0.00199		mg/Kg		02/18/26 10:41	02/18/26 15:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/18/26 10:41	02/18/26 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	02/18/26 10:41	02/18/26 15:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130	02/18/26 10:41	02/18/26 15:09	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			02/18/26 15:09	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			02/18/26 02:07	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	<50.1	U	50.1		mg/Kg		02/13/26 14:13	02/18/26 02:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/13/26 14:13	02/18/26 02:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/13/26 14:13	02/18/26 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130	02/13/26 14:13	02/18/26 02:07	1
o-Terphenyl (Surr)	136	S1+	70 - 130	02/13/26 14:13	02/18/26 02:07	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			02/16/26 14:08	1

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

Lab Sample ID: 880-68245-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 17:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 10:41	02/18/26 17:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 10:41	02/18/26 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/18/26 10:41	02/18/26 17:20	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/18/26 10:41	02/18/26 17:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			02/18/26 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/18/26 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/13/26 14:13	02/18/26 02:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/13/26 14:13	02/18/26 02:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/13/26 14:13	02/18/26 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	129		70 - 130				02/13/26 14:13	02/18/26 02:22	1
o-Terphenyl (Surr)	142	S1+	70 - 130				02/13/26 14:13	02/18/26 02:22	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			02/16/26 14:14	1

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

Lab Sample ID: 880-68245-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 10:41	02/18/26 17:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/18/26 10:41	02/18/26 17:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/18/26 10:41	02/18/26 17:40	1
1,4-Difluorobenzene (Surr)	119		70 - 130				02/18/26 10:41	02/18/26 17:40	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			02/18/26 17:40	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			02/18/26 02:37	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		02/13/26 14:13	02/18/26 02:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/18/26 02:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/13/26 14:13	02/18/26 02:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				02/13/26 14:13	02/18/26 02:37	1
o-Terphenyl (Surr)	133	S1+	70 - 130				02/13/26 14:13	02/18/26 02:37	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			02/16/26 14:21	1

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

Lab Sample ID: 880-68245-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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		02/18/26 11:08	02/18/26 16:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/18/26 11:08	02/18/26 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				02/18/26 11:08	02/18/26 16:53	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/18/26 11:08	02/18/26 16:53	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			02/18/26 16:53	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			02/18/26 02:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/13/26 14:13	02/18/26 02:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/13/26 14:13	02/18/26 02:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/13/26 14:13	02/18/26 02:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				02/13/26 14:13	02/18/26 02:52	1
o-Terphenyl (Surr)	140	S1+	70 - 130				02/13/26 14:13	02/18/26 02:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		10.0		mg/Kg			02/16/26 14:28	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68242-A-1-F MS	Matrix Spike	213 S1+	111
880-68242-A-1-G MSD	Matrix Spike Duplicate	275 S1+	109
880-68244-A-1-C MS	Matrix Spike	123	89
880-68244-A-1-D MSD	Matrix Spike Duplicate	136 S1+	100
880-68245-1	H-1 (0-0.5')	126	103
880-68245-2	H-2 (0-0.5')	104	98
880-68245-3	H-3 (0-0.5')	129	119
880-68245-4	H-4 (0-0.5')	106	113
LCS 880-132215/1-A	Lab Control Sample	112	90
LCS 880-132217/1-A	Lab Control Sample	102	116
LCSD 880-132215/2-A	Lab Control Sample Dup	117	104
LCSD 880-132217/2-A	Lab Control Sample Dup	107	118
MB 880-132215/5-A	Method Blank	238 S1+	128
MB 880-132217/5-A	Method Blank	97	107

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-68244-A-3-C MS	Matrix Spike	156 S1+	145 S1+
880-68244-A-3-D MSD	Matrix Spike Duplicate	156 S1+	145 S1+
880-68245-1	H-1 (0-0.5')	130	136 S1+
880-68245-2	H-2 (0-0.5')	129	142 S1+
880-68245-3	H-3 (0-0.5')	123	133 S1+
880-68245-4	H-4 (0-0.5')	131 S1+	140 S1+
LCS 880-131774/2-A	Lab Control Sample	124	140 S1+
LCSD 880-131774/3-A	Lab Control Sample Dup	138 S1+	151 S1+
MB 880-131774/1-A	Method Blank	138 S1+	152 S1+

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132215/5-A
 Matrix: Solid
 Analysis Batch: 132167

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132215

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 08:00	02/18/26 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 08:00	02/18/26 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	238	S1+	70 - 130	02/18/26 08:00	02/18/26 11:56	1
1,4-Difluorobenzene (Surr)	128		70 - 130	02/18/26 08:00	02/18/26 11:56	1

Lab Sample ID: LCS 880-132215/1-A
 Matrix: Solid
 Analysis Batch: 132167

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132215

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1049		mg/Kg		105	70 - 130
Toluene	0.100	0.1082		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.09170		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.2298		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1287		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-132215/2-A
 Matrix: Solid
 Analysis Batch: 132167

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132215

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1146		mg/Kg		115	70 - 130	9	35
Toluene	0.100	0.1039		mg/Kg		104	70 - 130	4	35
Ethylbenzene	0.100	0.1060		mg/Kg		106	70 - 130	14	35
m-Xylene & p-Xylene	0.200	0.2445		mg/Kg		122	70 - 130	6	35
o-Xylene	0.100	0.1273		mg/Kg		127	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68244-A-1-C MS
 Matrix: Solid
 Analysis Batch: 132167

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 132215

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09788		mg/Kg		98	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.1111		mg/Kg		111	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68244-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132167

Prep Batch: 132215

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1118		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2678	F1	mg/Kg		134	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.1214		mg/Kg		121	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	123		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-68244-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132167

Prep Batch: 132215

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	RPD	
	Result	Qualifier		Result	Qualifier					Limits	RPD
Benzene	<0.00200	U	0.100	0.08695		mg/Kg		87	70 - 130	12	35
Toluene	<0.00200	U F1 F2	0.100	0.06457	F1 F2	mg/Kg		65	70 - 130	53	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.06033	F1 F2	mg/Kg		58	70 - 130	60	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.2312		mg/Kg		116	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.100	0.1510	F1	mg/Kg		151	70 - 130	22	35

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-132217/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132168

Prep Batch: 132217

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/18/26 07:00	02/18/26 12:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/18/26 07:00	02/18/26 12:03	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	97		70 - 130	02/18/26 07:00	02/18/26 12:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/18/26 07:00	02/18/26 12:03	1

Lab Sample ID: LCS 880-132217/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 132168

Prep Batch: 132217

Analyte	Spike	LCS		Unit	D	%Rec	%Rec
		Result	Qualifier				
Benzene	0.100	0.09804		mg/Kg		98	70 - 130
Toluene	0.100	0.08994		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1877		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132217/1-A
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08819		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-132217/2-A
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09067		mg/Kg		91	70 - 130	8	35
Toluene	0.100	0.08217		mg/Kg		82	70 - 130	9	35
Ethylbenzene	0.100	0.08927		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1742		mg/Kg		87	70 - 130	7	35
o-Xylene	0.100	0.08258		mg/Kg		83	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-68242-A-1-F MS
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.00266		0.100	0.08139		mg/Kg		79	70 - 130
Toluene	0.0187	F1	0.100	0.07342	F1	mg/Kg		55	70 - 130
Ethylbenzene	0.0127	F1	0.100	0.08029	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	0.190		0.200	0.3907		mg/Kg		100	70 - 130
o-Xylene	0.112		0.100	0.2099		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: 880-68242-A-1-G MSD
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 132217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.00266		0.100	0.08193		mg/Kg		79	70 - 130	1	35
Toluene	0.0187	F1	0.100	0.08366	F1	mg/Kg		65	70 - 130	13	35
Ethylbenzene	0.0127	F1	0.100	0.07237	F1	mg/Kg		60	70 - 130	10	35
m-Xylene & p-Xylene	0.190		0.200	0.3681		mg/Kg		89	70 - 130	6	35
o-Xylene	0.112		0.100	0.2331		mg/Kg		121	70 - 130	10	35

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68242-A-1-G MSD
 Matrix: Solid
 Analysis Batch: 132168

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 132217

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	275	S1+	70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-131774/1-A
 Matrix: Solid
 Analysis Batch: 132062

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 131774

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/17/26 23:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/17/26 23:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/13/26 14:13	02/17/26 23:06	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	138	S1+	70 - 130	02/13/26 14:13	02/17/26 23:06	1
o-Terphenyl (Surr)	152	S1+	70 - 130	02/13/26 14:13	02/17/26 23:06	1

Lab Sample ID: LCS 880-131774/2-A
 Matrix: Solid
 Analysis Batch: 132062

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 131774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1123		mg/Kg		112	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	140	S1+	70 - 130

Lab Sample ID: LCSD 880-131774/3-A
 Matrix: Solid
 Analysis Batch: 132062

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 131774

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1191		mg/Kg		119	70 - 130	6	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	151	S1+	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68244-A-3-C MS
 Matrix: Solid
 Analysis Batch: 132062

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 131774

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1000	1132		mg/Kg		113	70 - 130	
Diesel Range Organics (Over C10-C28)	235		1000	1133		mg/Kg		90	70 - 130	
Surrogate	%Recovery	Qualifier	Limits	MS	MS					
1-Chlorooctane (Surr)	156	S1+	70 - 130							
o-Terphenyl (Surr)	145	S1+	70 - 130							

Lab Sample ID: 880-68244-A-3-D MSD
 Matrix: Solid
 Analysis Batch: 132062

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 131774

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	1000	1145		mg/Kg		115	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	235		1000	1187		mg/Kg		95	70 - 130	5	20	
Surrogate	%Recovery	Qualifier	Limits	MSD	MSD							
1-Chlorooctane (Surr)	156	S1+	70 - 130									
o-Terphenyl (Surr)	145	S1+	70 - 130									

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131762/1-A
 Matrix: Solid
 Analysis Batch: 131870

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<10.0	U	10.0		mg/Kg			02/16/26 10:33	1

Lab Sample ID: LCS 880-131762/2-A
 Matrix: Solid
 Analysis Batch: 131870

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	241.0		mg/Kg		96	90 - 110	

Lab Sample ID: LCSD 880-131762/3-A
 Matrix: Solid
 Analysis Batch: 131870

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	Limits	RPD	Limit
Chloride	250	239.2		mg/Kg		96	90 - 110	1	20	

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68243-A-22-B MS
 Matrix: Solid
 Analysis Batch: 131870

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	360	F1	249	581.6	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-68243-A-22-C MSD
 Matrix: Solid
 Analysis Batch: 131870

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	360	F1	249	576.6	F1	mg/Kg		87	90 - 110	1	20

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 132167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8021B	132215
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8021B	132215
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8021B	132215
MB 880-132215/5-A	Method Blank	Total/NA	Solid	8021B	132215
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	8021B	132215
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132215
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	132215
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132215

Analysis Batch: 132168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8021B	132217
MB 880-132217/5-A	Method Blank	Total/NA	Solid	8021B	132217
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	8021B	132217
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132217
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	132217
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	132217

Prep Batch: 132215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	5035	
MB 880-132215/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132215/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132215/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68244-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-68244-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 132217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-132217/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132217/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-132217/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68242-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-68242-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 132287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 131774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 131774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-131774/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131774/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131774/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68244-A-3-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-68244-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 132062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	131774
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	131774
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	131774
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	131774
MB 880-131774/1-A	Method Blank	Total/NA	Solid	8015B NM	131774
LCS 880-131774/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131774
LCSD 880-131774/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131774
880-68244-A-3-C MS	Matrix Spike	Total/NA	Solid	8015B NM	131774
880-68244-A-3-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	131774

Analysis Batch: 132207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-68245-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-68245-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-68245-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-68245-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-68245-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-68245-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-131762/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68243-A-22-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68243-A-22-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 131870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68245-1	H-1 (0-0.5')	Soluble	Solid	300.0	131762
880-68245-2	H-2 (0-0.5')	Soluble	Solid	300.0	131762
880-68245-3	H-3 (0-0.5')	Soluble	Solid	300.0	131762
880-68245-4	H-4 (0-0.5')	Soluble	Solid	300.0	131762
MB 880-131762/1-A	Method Blank	Soluble	Solid	300.0	131762
LCS 880-131762/2-A	Lab Control Sample	Soluble	Solid	300.0	131762
LCSD 880-131762/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131762
880-68243-A-22-B MS	Matrix Spike	Soluble	Solid	300.0	131762

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131870 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68243-A-22-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	131762

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-1

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 15:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 15:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			132207	02/18/26 02:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:07	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:08	CS	EET MID

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

Lab Sample ID: 880-68245-2

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 17:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 17:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			132207	02/18/26 02:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:22	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:14	CS	EET MID

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

Lab Sample ID: 880-68245-3

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132215	02/18/26 10:41	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132167	02/18/26 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 17:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			132207	02/18/26 02:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:37	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:21	CS	EET MID

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

Lab Sample ID: 880-68245-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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	132217	02/18/26 11:08	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	132168	02/18/26 16:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			132287	02/18/26 16:53	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68245-4

Date Collected: 02/13/26 00:00

Matrix: Solid

Date Received: 02/13/26 11:36

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			132207	02/18/26 02:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	131774	02/13/26 14:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	132062	02/18/26 02:52	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131762	02/13/26 13:42	SI	EET MID
Soluble	Analysis	300.0		1			131870	02/16/26 14:28	CS	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
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												
<p>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.</p> <table border="1"> <thead> <tr> <th>Analysis Method</th> <th>Prep Method</th> <th>Matrix</th> <th>Analyte</th> </tr> </thead> <tbody> <tr> <td>8015 NM</td> <td></td> <td>Solid</td> <td>Total TPH</td> </tr> <tr> <td>Total BTEX</td> <td></td> <td>Solid</td> <td>Total BTEX</td> </tr> </tbody> </table>				Analysis Method	Prep Method	Matrix	Analyte	8015 NM		Solid	Total TPH	Total BTEX		Solid	Total BTEX
Analysis Method	Prep Method	Matrix	Analyte												
8015 NM		Solid	Total TPH												
Total BTEX		Solid	Total BTEX												

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Method Summary

Client: Carmona Resources
Project/Site: Lea Fed East BT20021

Job ID: 880-68245-1
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: Lea Fed East BT20021

Job ID: 880-68245-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68245-1	H-1 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68245-2	H-2 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68245-3	H-3 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas
880-68245-4	H-4 (0-0.5')	Solid	02/13/26 00:00	02/13/26 11:36	Texas

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Chain of Custody



880-68245 Chain of Custody

2/18/2026

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

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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
H-1 (0-0.5')	2/13/2026		X		G	1	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
H-2 (0-0.5')	2/13/2026		X		G	1			
H-3 (0-0.5')	2/13/2026		X		G	1			
H-4 (0-0.5')	2/13/2026		X		G	1			

Comments:

Relinquished by: (Signature) <i>[Signature]</i>	Date/Time 2-13-26 11:36
Received by: (Signature) <i>[Signature]</i>	Date/Time 2-13-26 11:36

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68245-1
SDG Number: Lea County New Mexico

Login Number: 68245
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

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

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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 574235

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2206348945
Incident Name	NAPP2206348945 (FAPP2135051899) LEA FED EAST BT20021 @ FAPP2135051899
Incident Type	Oil Release
Incident Status	Remediation Plan Received
Incident Facility	[fAPP2135051899] LEA FED EAST BT20021

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	{fAPP2135051899} Lea Fed East BT20021
Date Release Discovered	03/04/2022
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Corrosion Production Tank Crude Oil Released: 258 BBL Recovered: 124 BBL Lost: 134 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)	The spilled oil was contained inside the earthen berm around the production tanks at the battery and 124 bbls was recovered and returned to the other tanks onsite.

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QUESTIONS, Page 2

Action 574235

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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.
<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	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: 04/11/2026
--	--

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QUESTIONS, Page 3

Action 574235

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (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 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

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

Requesting a remediation plan approval with this submission	Yes
<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)	981
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	6760
GRO+DRO (EPA SW-846 Method 8015M)	6506
BTEX (EPA SW-846 Method 8021B or 8260B)	31.8
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	06/29/2026
On what date will (or did) the final sampling or liner inspection occur	07/03/2026
On what date will (or was) the remediation complete(d)	07/07/2026
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	3781
What is the estimated volume (in cubic yards) that will be remediated	641

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 574235

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)

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

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

(Select all answers below that apply.)

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

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 04/11/2026
--	--

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

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QUESTIONS, Page 5

Action 574235

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 574235

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

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	No

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CONDITIONS

Action 574235

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 574235
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	The remediation plan is approved as written. Coterra has 90-days (August 12, 2026) to submit to OCD its appropriate or final remediation closure report.	5/14/2026