



SITE INFORMATION

Closure Report
Lea Unit #014 (04.29.2019)
Incident ID: nDHR1913441028
Lea County, New Mexico
Unit A, Sec 14, T20S, R34E
32.57861°, -103.52411°

Produced Water & Crude Oil Release

Point of Release: Flare Fire

Release Date: 04.29.2019

Volume Released: 107 Barrels of Produced Water & 1 Barrel of Crude Oil

Volume Recovered: 15 Barrels of Produced Water & 0 Barrels of Crude Oil

CARMONA RESOURCES



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

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

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

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March 23, 2026

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

Re: **Closure Report**
Lea Unit #014 (04.29.2019)
Incident ID: nDHR1913441028
Coterra Energy Operating Co.
Site Location: Unit A, S14, T20S, R34E
32.57861°, -103.52411°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra, formerly Avant Operating, LLC), Carmona Resources LLC, has prepared this letter to document the site assessment conducted at the Lea Unit #014, located at 32.57861°, -103.52411° within Unit A, S14, T20S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 29, 2019, due to the failure of an above ground poly flowline. The incident resulted in approximately one hundred seven (107) barrels of produced water and one point one (1.1) barrels of crude oil to be released, with fourteen point nine (14.9) barrels of produced water and zero point one-five (0.15) barrels of crude oil recovered. The affected area measured approximately 19,000 square feet. See Figure 3. The Initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.49 miles East of the site in S13, T20S, 34E, and was drilled in 2025. The GWDB was drilled to a depth of 60 feet below ground surface (ft bgs) with groundwater detected at 52 ft bgs. A copy of the well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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



4.0 Site Assessment Activities

Initial Assessment

On February 10, 2026, Carmona Resources personnel performed site assessment activities via hand auger to evaluate soil impacts stemming from the release. A total of six (6) sample points (S-1 through S-6) were installed to depths ranging from surface to 4.5 ft bgs within 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.

Alternate Sampling plan

Due to no contamination being found on site, an Alternate Sampling Plan was requested and approved with conditions, on February 13, 2026, to collect additional vertical delineation samples to close out the open incident. See Appendix C.

Secondary Assessment

On February 19, 2026, Carmona Resources personnel were onsite to collect additional vertical delineation samples via hand auger. Before collecting delineation samples, the NMOCD division office was notified via NMOCD portal on February 13, 2026, per Subsection D of 19.15.29.12 NMAC, see Appendix C. A total of three (3) sample points (S-7 through S-9) were installed to depths ranging from surface to 4.5 ft bgs within the release area. 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.

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

5.0 Reclamation & Revegetation Inspection

While onsite conducting the site assessment on February 10, 2026, Carmona Resources personnel performed an inspection of the plant life onsite. The well has been plugged in the spring of 2021 and the reclamation and reseeding that occurred after the plugging and abandonment of the well has resulted in exceptional regrowth in native grasses and bushes. No invasive species were found onsite during the inspection. See Appendix B for photo documentation of the site conditions.

Variance Request

As mentioned above, the entire well pad has been reclaimed with the exception of the lease road that is still in place for the "LEA FEDERAL UNIT TR #020 (30-025-37012)", located directly west of this incident area. Due to the previous release area overlapping the lease road, a variance request per NMAC 19.15.29.14 for the reclamation and revegetation is being requested. The request to delay the reclamation and revegetation of the previous release area as the lease road to the above-mentioned well pad is currently being used for access purposes. Once "LEA FEDERAL UNIT TR #020 (30-025-37012)" is plugged and abandoned, the well pad and approximate 0.68-mile lease road will all be reclaimed and reseeded. All caliche will be removed from the surface and the area will return to previous conditions prior to oil field activities. During that time, the reclamation and revegetation of the incident area will occur along with the well pad and entire lease road.



6.0 Conclusion

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

Sincerely,

Carmona Resources, LLC

Ashton Thielke
Director of Operations

Gilbert Priego Jr
Project Manager

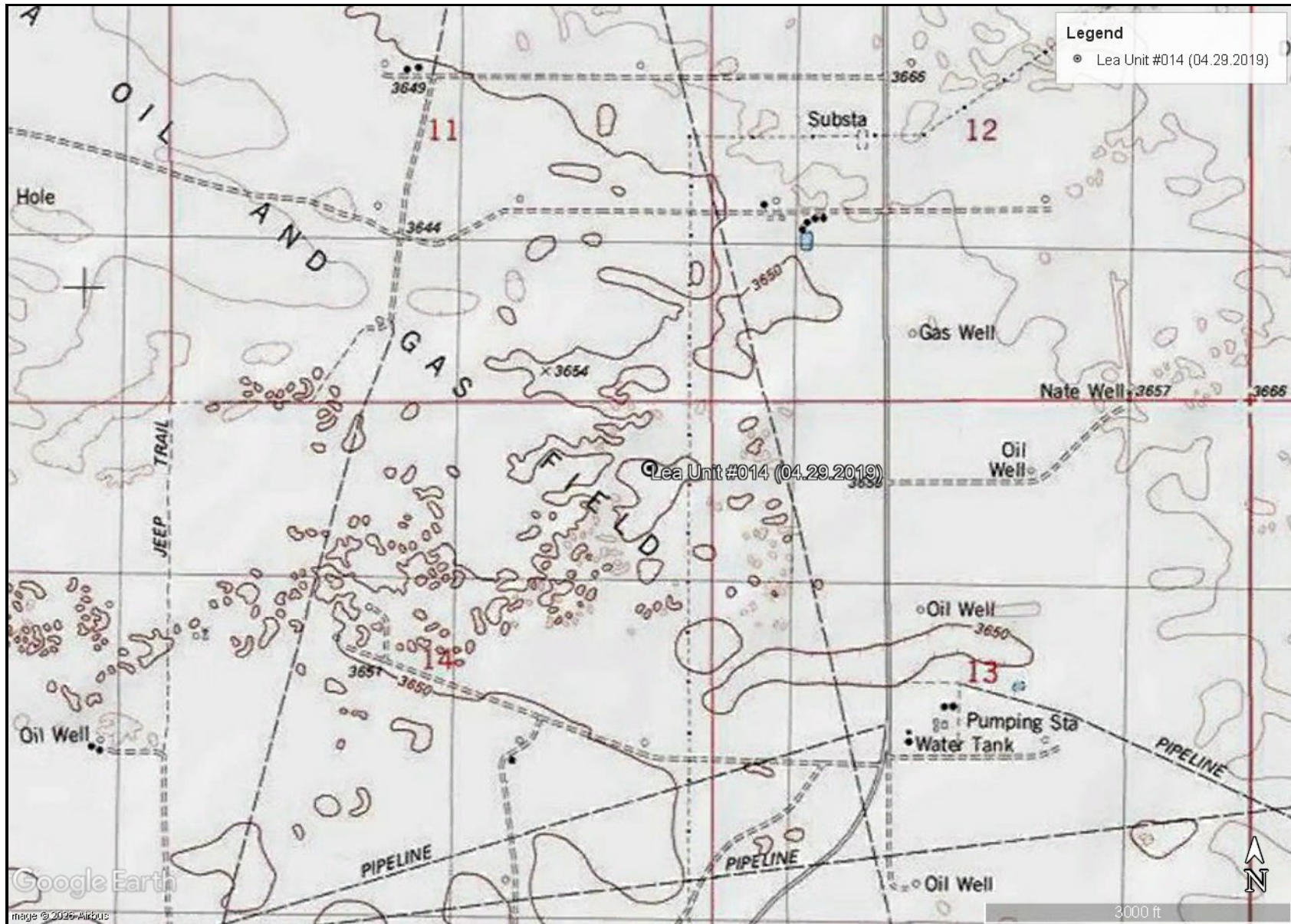
FIGURES

CARMONA RESOURCES





<p>OVERVIEW MAP COTERRA ENERGY OPERATING CO. LEA UNIT #014 (04.29.2019) LEA COUNTY, NEW MEXICO 32.57861°, -103.52411°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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Google Earth
 image © 2026 Airbus

TOPOGRAPHIC MAP
 COTERRA ENERGY OPERATING CO.
 LEA UNIT #014 (04.29.2019)
 LEA COUNTY, NEW MEXICO
 32.57861°, -103.52411°

CARMONA RESOURCES 

FIGURE 2



<p>SAMPLE LOCATION MAP COTERRA ENERGY OPERATING CO. LEA UNIT #014 (04.29.2019) LEA COUNTY, NEW MEXICO 32.57861°, -103.52411°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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APPENDIX A

CARMONA RESOURCES



**Table 1
Coterra Energy Operating Co.
Lea Unit 14 (04.29.2019)
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						
S-1	2/10/2026	0-1.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	14.2
	"	2.0'	<50.1	<50.1	<50.1	<50.1	0.00263	0.00252	<0.00201	<0.00402	0.00515	14.9
	"	3.0'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	27.6
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	40.9
	"	4.5'	<49.7	<49.7	<49.7	<49.7	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	79.6
S-2	2/10/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.3
	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	38.8
	"	3.0'	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	11.9
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	80.2
S-3	2/10/2026	0-1.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	37.6
	"	2.0'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	16.7
	"	3.0'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	28.1
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	33.6
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	112
S-4	2/10/2026	0-1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	433
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	13.2
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	25.5
	"	4.0'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	39.7
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	108
S-5	2/10/2026	0-1.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.6
	"	2.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.5
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	46.1
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	120
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	147
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

(S) - Soil Sample

**Table 1
Coterra Energy Operating Co.
Lea Unit 14 (04.29.2019)
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						
S-6	2/10/2026	0-1.0'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	39.8
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.6
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	26.1
	"	4.0'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.2
	"	4.5'	<50.3	<50.3	<50.3	<50.3	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	71.6
S-7	2/19/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.2
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.6
	"	4.0'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	34.3
	"	4.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	30.3
S-8	2/19/2026	0-1.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
	"	2.0'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	12.5
	"	3.0'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.0
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.1
	"	4.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	15.5
S-9	2/19/2026	0-1.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.7
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	21.1
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	16.0
	"	4.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	19.8
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

(S) - Soil Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

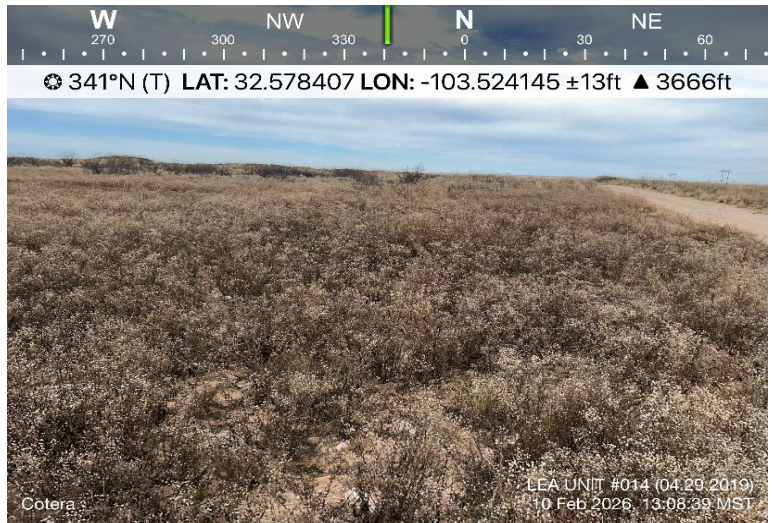
Photograph No. 1

Facility: Lea Unit #014 (04.29.2019)

County: Lea County, New Mexico

Description:

View North, area of S-1 through S-2.



Photograph No. 2

Facility: Lea Unit #014 (04.29.2019)

County: Lea County, New Mexico

Description:

View Southwest, area of S-3 through S-6.



Photograph No. 3

Facility: Lea Unit #014 (04.29.2019)

County: Lea County, New Mexico

Description:

View East, area of S-3 through S-6.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 4

Facility: Lea Unit #014 (04.29.2019)

County: Lea County, New Mexico

Description:

View Southeast, area of reclaimed well pad location with access road going through it.



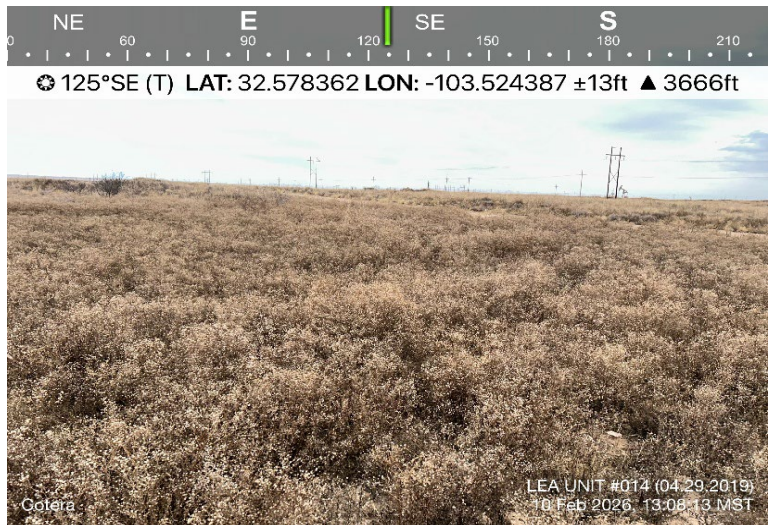
Photograph No. 5

Facility: Lea Unit #014 (04.29.2019)

County: Lea County, New Mexico

Description:

View Southeast, area of reclaimed well pad location with access road going through it.



APPENDIX C

CARMONA RESOURCES



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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NDHR1913441028
District RP	IRP-5485
Facility ID	
Application ID	pDHR1913440680

Release Notification

Responsible Party

Responsible Party Legacy Reserves, L.P.	OGRID 240974
Contact Name Brian Cunningham	Contact Telephone 432-234-9450
Contact email bcunningham@legacylp.com	Incident # (assigned by OCD) NDHR1913441028
Contact mailing address 303 West Wall Street, Suite 1300	

Location of Release Source

Latitude 32.57860 Longitude -103.52410
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Lea Unit #014	Site Type Flowline
Date Release Discovered 4/29/2019 7:00 AM	API# (if applicable) 30-025-30138

Unit Letter	Section	Township	Range	County
A	14	20S	34E	Lea

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 1.1	Volume Recovered (bbls) 0.15
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 107	Volume Recovered (bbls) 14.9
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release The release was attributed to the failure of an above ground poly flowline.

Form C-141

State of New Mexico
Oil Conservation Division

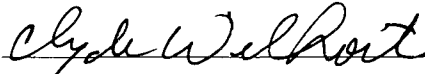
Page 2

Incident ID	NDHR1913441028
District RP	1RP-5485
Facility ID	
Application ID	pDHR1913440680

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Unauthorized release of over 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes. Clyde Wilhoit, Jim Griswold on 4/30/2019, Email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: <u>Clyde Wilhoit</u> Title: <u>Maintenance Foreman</u> Signature: <u></u> Date: <u>4/29/2019</u> email: <u>cwilhoit@legacyreserves.com</u> Telephone: <u>432-425-4137</u>
OCD Only Received by: <u>Dylan Rose-Coss</u> Date: <u>05/15/2019</u>



Volume Calculation

ID	Area (Ft ²)	Depth (Ft)	%Porosity/ Saturation	Volume (Ft ³)	Volume (bbls)
Area #1	1644	0.25	0.21	86.31	15.5
Area #2	2164	0.166	0.21	75.44	13.6
Area #3	4411	0.25	0.21	231.58	41.7
Area #4	3433	0.166	0.21	119.67	21.5

Fluid Remaining in Soil:	92	bbls
Volume Recovered:	15	bbls
Total Volume:	107	bbls
Oil (Approximate)	1.0	%
Volume of Oil Released:	1.1	bbls
Volume of Water Released:	106.3	bbls
Volume of Oil Recovered:	0.15	
Volume of Water Recovered:	14.9	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 553747

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 553747
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1913441028
Incident Name	NDHR1913441028 LEA UNIT #014 @ 30-025-30138
Incident Type	Release Other
Incident Status	Initial C-141 Approved
Incident Well	[30-025-30138] LEA UNIT #014

Location of Release Source	
Site Name	LEA UNIT #014
Date Release Discovered	04/29/2019
Surface Owner	Federal

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	200
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Per approved alternative sampling plan, Sample points S-7 through S-9 will be installed to depths of 4.5' to verify the incident area.
Please provide any information necessary for navigation to sampling site	32.57861,-103.52411

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 553747

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 553747
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
athielke	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	2/13/2026
athielke	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	2/13/2026

Ashton Thielke

From: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Sent: Friday, February 13, 2026 10:33 AM
To: Ashton Thielke
Cc: Laci Luig
Subject: RE: [EXTERNAL] nDHR1913441028 - LEA UNIT #014 (04.29.2019) - Alternative Sampling Plan

WARNING: This email originated from outside of Coterra Energy. Do not click links or open attachments unless you recognize the sender, are expecting the content and know it is safe.

Good morning Ashton,

Since we don't know exactly where the R2 and R3 were collected, I agree to your new proposed locations for S-7 and S-8 but would also like an S-9 sample point to be collected east of S-6 at approximately 32.5783, -103.52465.

Kind regards,

Shelly

Shelly Wells * Senior Environmental Scientist
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive|Santa Fe, NM 87505
(505)469-7520 Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Ashton Thielke <Ashton.Thielke@coterra.com>
Sent: Friday, February 13, 2026 8:23 AM
To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>
Cc: Laci Luig <Laci.Luig@coterra.com>
Subject: [EXTERNAL] nDHR1913441028 - LEA UNIT #014 (04.29.2019) - Alternative Sampling Plan

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Shelly,

Laci and I are working through the historical spill list that Cimarex/Coterra recently acquired and this is a site that we recently conducted a site assessment on in hopes to determine the extent of a remediation/reclamation.

During our recent site assessment to reassess (and vertically delineate) the previous sample locations from the denied 2024-2025 closure report, we did not find any contamination within the soil column from the previous area.

Unfortunately, we did not anticipate this to come back within acceptable remediation/reclamation limits and in turn did not submit a C-141N for the area prior to us going out onsite.

I am suggesting to reassess the areas of R2 & R3 (see page 10 & 97-98), as those were the original areas that showed contamination from the 2024 sampling event.

Since we recently assessed those area (with sample points S-3 & S-6), I am suggesting to sample on the opposite side of R2 & R3 from what we just recently did.

I am suggesting to install sample points S-7 & S-8 from surface to 4.5'. (Sample intervals (0-1', 2', 3', 4', 4.5')).

Pending your approval, I will submit a C-141N for this incident.

Pages 99 through 108 show the site characterization with the recently drilled groundwater determination bore.

Pages 109 through 173 show the laboratory results from our recent sampling event.

Please let me know if you have any questions or comments.

Thanks!



Ashton Thielke | PBU - Environmental Consultant

T: 432.813.8988 | M: 281.753.5659 | Ashton.Thielke@coterra.com | www.coterra.com

Coterra Energy Inc. | 6001 Deauville Blvd., Suite 300N | Midland, TX 79706

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

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APPENDIX D

CARMONA RESOURCES

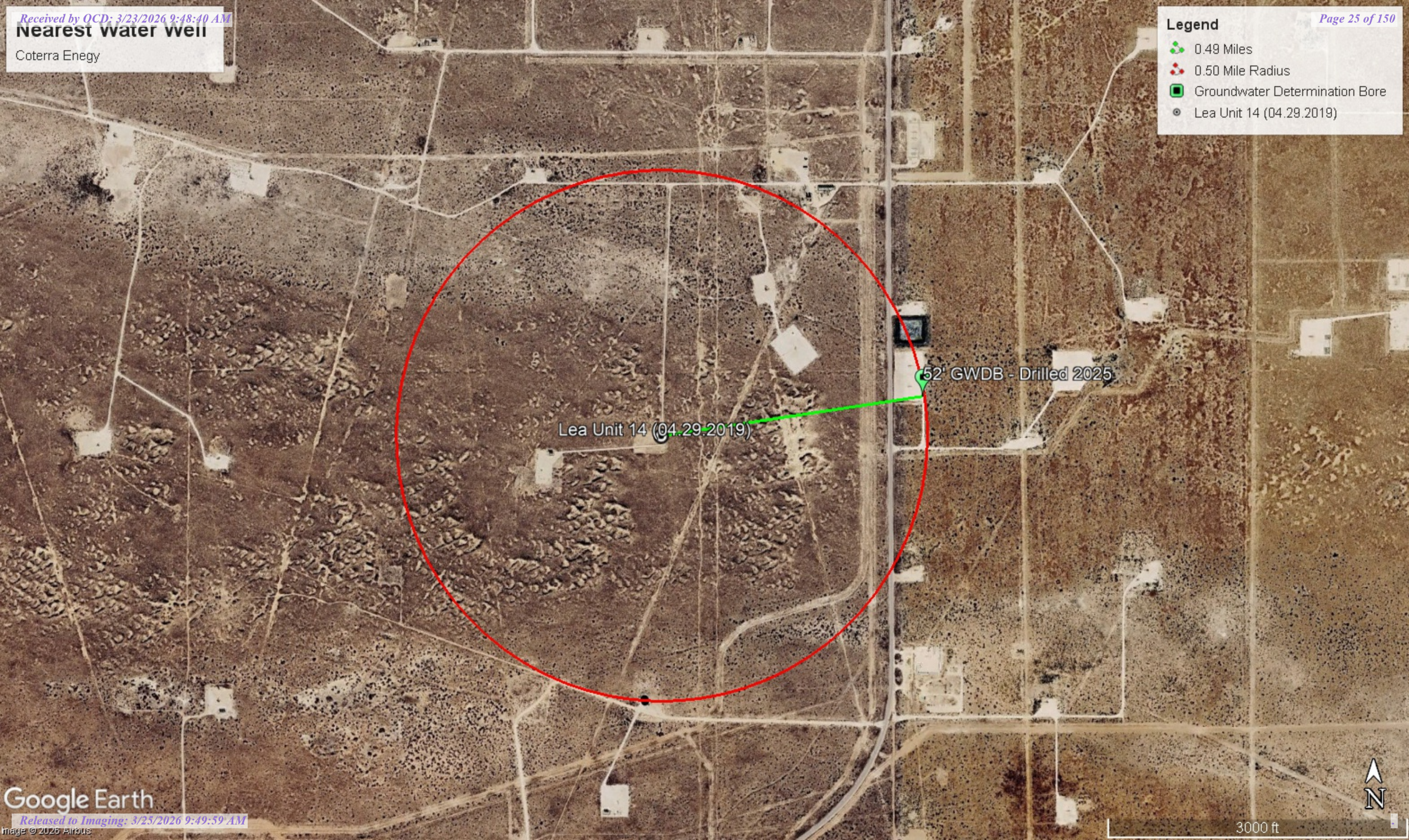


Nearest water well

Coterra Enegy

Legend

- 0.49 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Lea Unit 14 (04.29.2019)





Lea Unit 14 (04.29.2019)

52' GWDB - Drilled 2025



Legend

-  Lea Unit 14 (04.29.2019)
-  Low

LOW KARST

Coterra Enegy

Lea Unit 14 (04.29.2019)





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 02092 POD1		CP	LE	NE	NE	NW	13	20S	34E	639320.6	3605662.2	●	801	60	52	8
CP 00655 POD1		CP	LE		SW	NW	14	20S	34E	637294.0	3605108.0 *	●	1307	210		
CP 02083 POD1		CP	LE	SE	NW	NW	12	20S	34E	638959.6	3607049.5	●	1575	105		
CP 00654 POD1		CP	LE		SE	SE	12	20S	34E	640103.0	3605947.0 *	●	1626	60		
CP 00800 POD1		CP	LE	NE	NE	NE	22	20S	34E	637007.0	3603994.0 *	●	2165	220		
CP 00665		CP	LE		NW	SE	24	20S	34E	639740.0	3603128.0 *	●	2693	698	270	428
CP 02095 POD1		CP	LE	NE	NW	SE	24	20S	34E	639936.5	3603209.7	●	2716	105		
L 04157		L	LE		SW	SW	06	20S	35E	640483.0	3607561.0 *	●	2815	70	64	6
CP 01204 POD1		CP	LE	SW	NW	NW	25	20S	34E	638755.1	3602250.6	●	3291	370		
L 15987 POD1		L	LE	NW	NW	SE	19	20S	35E	641197.3	3603153.5	●	3575	105		
CP 00656 POD1		CP	LE	SE	SE	SE	04	20S	34E	635342.0	3607391.0 *	●	3689	225		

Average Depth to Water: **128 feet**

Minimum Depth: **52 feet**

Maximum Depth: **270 feet**

Record Count: 11

UTM Filters (in meters):

Easting: 638529.63

Northing: 3605534.03

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 * DATUM REQUIRED: WGS 84	
		LONGITUDE 103	30	56.4	W		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE S13 T20s R34e							

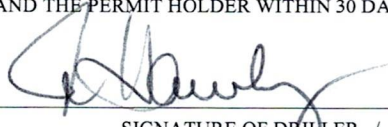
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 11-17-25		DRILLING ENDED 11-17-25	DEPTH OF COMPLETED WELL (FT) 60'		BORE HOLE DEPTH (FT) 60'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A	
	COMPLETED 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	
					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:
	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  _____ SIGNATURE OF DRILLER / PRINT SIGNEE NAME </div> <div style="text-align: center;"> James Hawley </div> <div style="text-align: center;"> 12-1-25 _____ DATE </div> </div>

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.

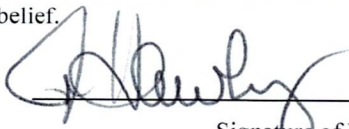
For each interval plugged, describe within the following columns:

<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.

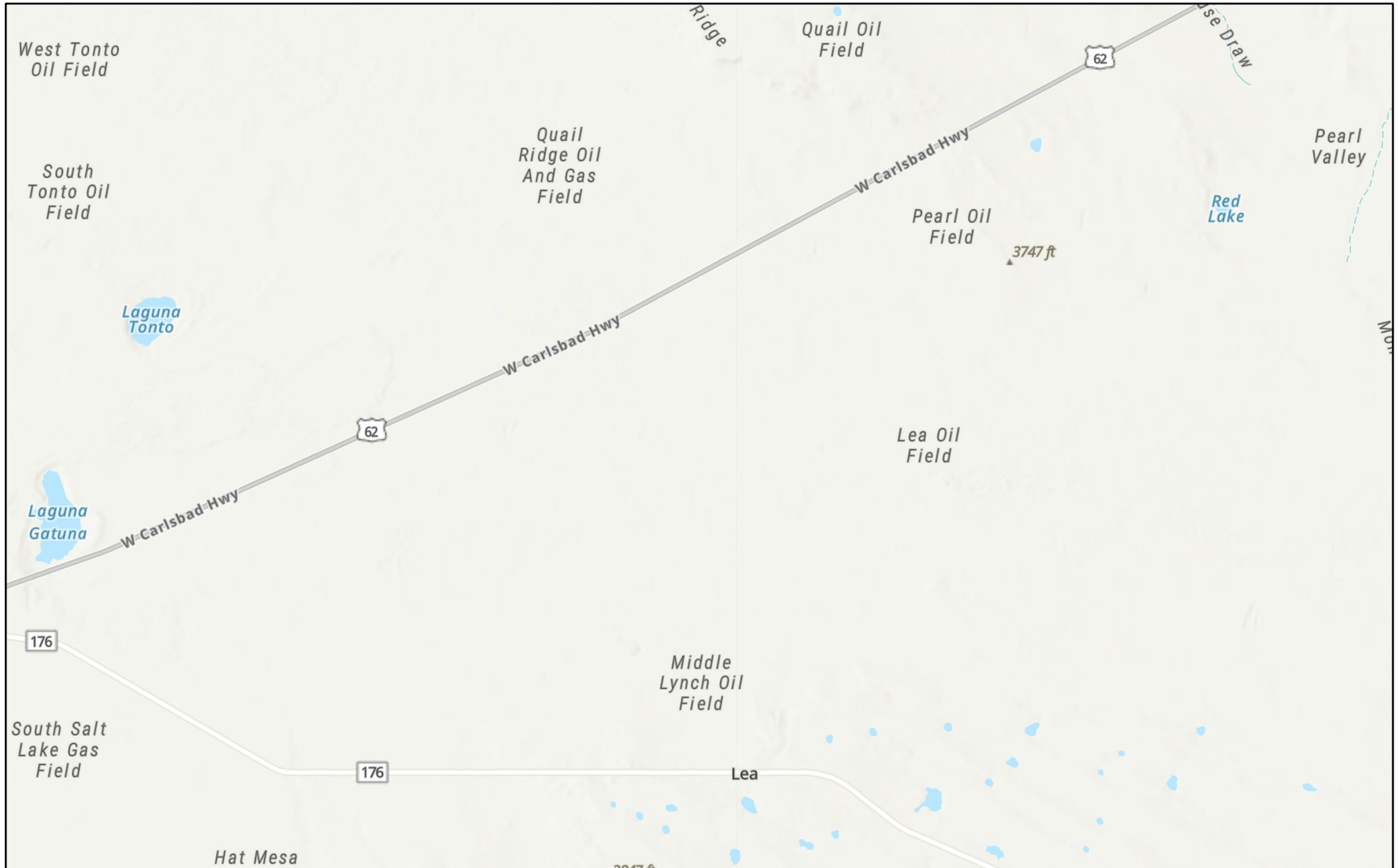


 Signature of Well Driller

12/1/25

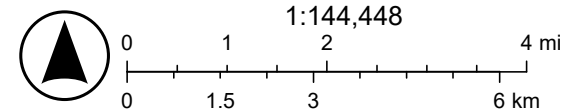
 Date

Lea Unit 14 (04.29.2019)



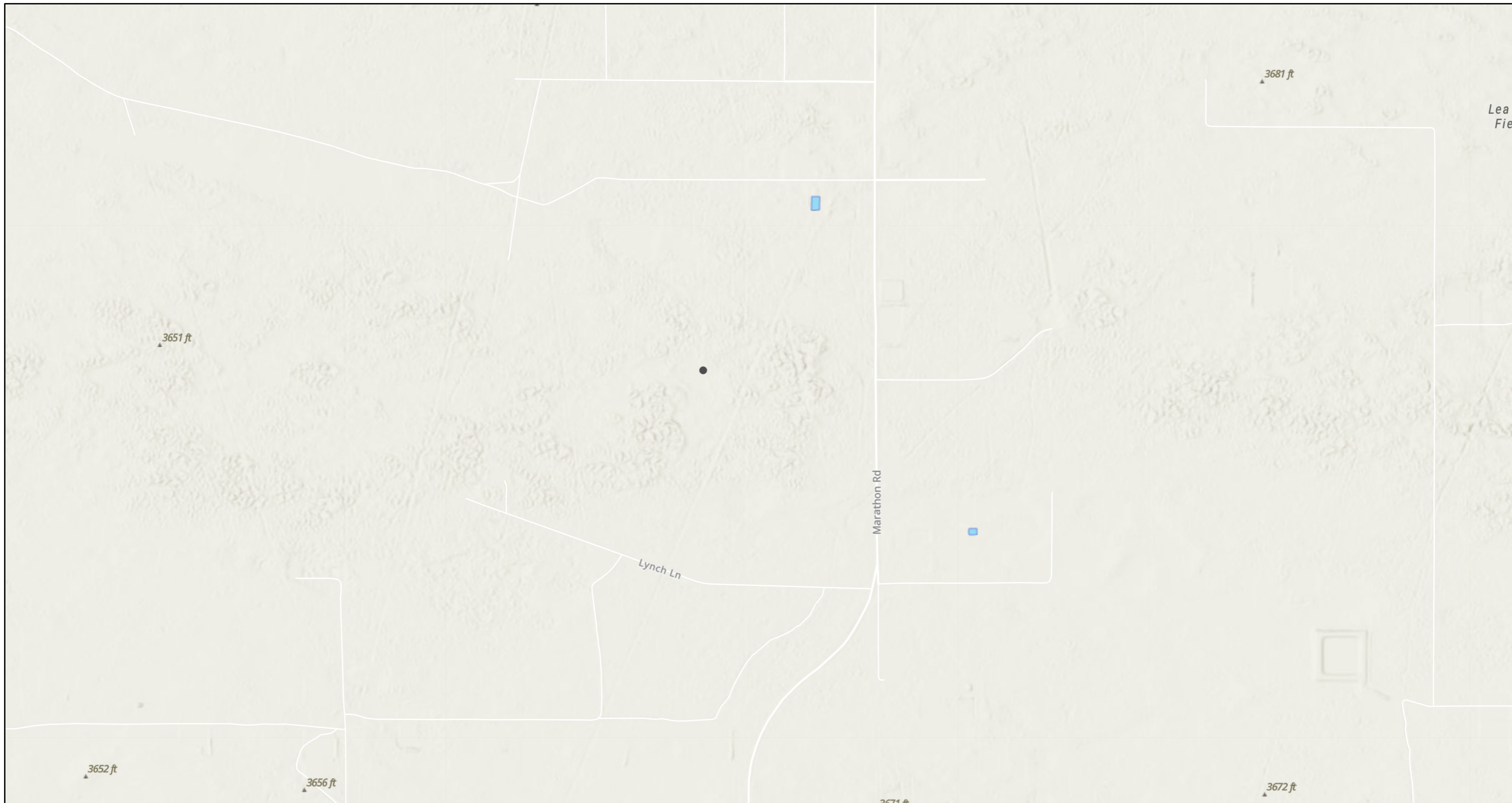
2/3/2026

World_Hillshade



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

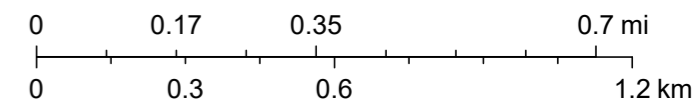
Lea Unit 14 (04.29.2019)



2/3/2026, 1:55:36 PM

 OSW Water Bodys

1:18,056



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 Unit 14 (04.29.2019)



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

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 2/27/2026 1:40:18 PM Revision 1

JOB DESCRIPTION

Lea Unit 14
 Lea County New Mexico

JOB NUMBER

880-68072-1

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
2/27/2026 1:40:18 PM
Revision 1

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 Unit 14

Laboratory Job ID: 880-68072-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68072-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, 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 Unit 14

Job ID: 880-68072-1

Job ID: 880-68072-1

Eurofins Midland

Job Narrative 880-68072-1

REVISION

The report being provided is a revision of the original report sent on 2/12/2026. The report (revision 1) is being revised due to Per client email, requesting sample depth correction.

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 2/10/2026 3:42 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.3°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-68072-1), S-1 (2') (880-68072-2), S-1 (3') (880-68072-3), S-1 (4') (880-68072-4), S-1 (4.5') (880-68072-5), S-2 (0-1') (880-68072-6), S-2 (2') (880-68072-7), S-2 (3') (880-68072-8), S-2 (4') (880-68072-9), S-2 (4.5') (880-68072-10), S-3 (0-1') (880-68072-11), S-3 (2') (880-68072-12), S-3 (3') (880-68072-13), S-3 (4') (880-68072-14), S-3 (4.5') (880-68072-15), S-4 (0-1') (880-68072-16), S-4 (2') (880-68072-17), S-4 (3') (880-68072-18), S-4 (4') (880-68072-19), S-4 (4.5') (880-68072-20), S-5 (0-1') (880-68072-21), S-5 (2') (880-68072-22), S-5 (3') (880-68072-23), S-5 (4') (880-68072-24), S-5 (4.5') (880-68072-25), S-6 (0-1') (880-68072-26), S-6 (2') (880-68072-27), S-6 (3') (880-68072-28), S-6 (4') (880-68072-29) and S-6 (4.5') (880-68072-30).

The following samples were received and analyzed from an unpreserved bulk soil jar: S-1 (0-1') (880-68072-1), S-1 (2') (880-68072-2), S-1 (3') (880-68072-3), S-1 (4') (880-68072-4), S-1 (4.5') (880-68072-5), S-2 (0-1') (880-68072-6), S-2 (2') (880-68072-7), S-2 (3') (880-68072-8), S-2 (4') (880-68072-9), S-2 (4.5') (880-68072-10), S-3 (0-1') (880-68072-11), S-3 (2') (880-68072-12), S-3 (3') (880-68072-13), S-3 (4') (880-68072-14), S-3 (4.5') (880-68072-15), S-4 (0-1') (880-68072-16), S-4 (2') (880-68072-17), S-4 (3') (880-68072-18), S-4 (4') (880-68072-19), S-4 (4.5') (880-68072-20), S-5 (0-1') (880-68072-21), S-5 (2') (880-68072-22), S-5 (3') (880-68072-23), S-5 (4') (880-68072-24), S-5 (4.5') (880-68072-25), S-6 (0-1') (880-68072-26), S-6 (2') (880-68072-27), S-6 (3') (880-68072-28), S-6 (4') (880-68072-29) and S-6 (4.5') (880-68072-30).

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-131484 and analytical batch 880-131442 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: S-4 (0-1') (880-68072-16), S-4 (2') (880-68072-17), S-4 (3') (880-68072-18) and S-4 (4') (880-68072-19). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-131463 and analytical batch 880-131429 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-68072-A-21-D MSD). Evidence of

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Case Narrative

Client: Carmona Resources
Project: Lea Unit 14

Job ID: 880-68072-1

Job ID: 880-68072-1 (Continued)

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matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-5 (0-1') (880-68072-21), (LCS 880-131463/2-A) and (LCSD 880-131463/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-1 (0-1') (880-68072-1), S-1 (4') (880-68072-4), S-1 (4.5') (880-68072-5), S-2 (2') (880-68072-7), S-2 (3') (880-68072-8), S-2 (4') (880-68072-9), S-3 (4.5') (880-68072-15) and S-4 (2') (880-68072-17). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S-4 (4') (880-68072-19). 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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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-1

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/11/26 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 23:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/26 12:23	02/11/26 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 23:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/26 12:23	02/11/26 23:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/11/26 12:23	02/11/26 23:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/11/26 12:23	02/11/26 23:16	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			02/11/26 23:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/12/26 09:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 09:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 09:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 09:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	02/11/26 10:04	02/12/26 09:10	1
o-Terphenyl (Surr)	136	S1+	70 - 130	02/11/26 10:04	02/12/26 09:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		9.90		mg/Kg			02/11/26 21:09	1

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68072-2

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00263		0.00201		mg/Kg		02/11/26 12:23	02/11/26 23:37	1
Toluene	0.00252		0.00201		mg/Kg		02/11/26 12:23	02/11/26 23:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/11/26 23:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/11/26 23:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/11/26 23:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/11/26 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	02/11/26 12:23	02/11/26 23:37	1
1,4-Difluorobenzene (Surr)	92		70 - 130	02/11/26 12:23	02/11/26 23:37	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (2')
 Date Collected: 02/10/26 00:00
 Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-2
 Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00515		0.00402		mg/Kg			02/11/26 23:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/12/26 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/11/26 10:04	02/12/26 09:52	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:04	02/12/26 09:52	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:04	02/12/26 09:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	02/11/26 10:04	02/12/26 09:52	1
o-Terphenyl (Surr)	121		70 - 130	02/11/26 10:04	02/12/26 09:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		10.0		mg/Kg			02/11/26 21:25	1

Client Sample ID: S-1 (3')
 Date Collected: 02/10/26 00:00
 Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-3
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/11/26 23:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/11/26 23:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/11/26 23:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 12:23	02/11/26 23:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/11/26 23:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 12:23	02/11/26 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/11/26 12:23	02/11/26 23:57	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/11/26 12:23	02/11/26 23:57	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			02/11/26 23:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/12/26 10:06	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	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 10:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 10:06	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (3')
 Date Collected: 02/10/26 00:00
 Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-3
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 10:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				02/11/26 10:04	02/12/26 10:06	1
o-Terphenyl (Surr)	112		70 - 130				02/11/26 10:04	02/12/26 10:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.6		10.1		mg/Kg			02/11/26 21:31	1

Client Sample ID: S-1 (4')
 Date Collected: 02/10/26 00:00
 Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-4
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 00:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 00:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 00:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 00:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 00:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 00:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				02/11/26 12:23	02/12/26 00:18	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/11/26 12:23	02/12/26 00:18	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			02/12/26 00:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/12/26 10:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 10:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 10:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 10:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				02/11/26 10:04	02/12/26 10:20	1
o-Terphenyl (Surr)	132	S1+	70 - 130				02/11/26 10:04	02/12/26 10:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.9		9.98		mg/Kg			02/11/26 21:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-1 (4.5')

Lab Sample ID: 880-68072-5

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 00:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 00:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 00:38	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 00:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 00:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/11/26 12:23	02/12/26 00:38	1
1,4-Difluorobenzene (Surr)	93		70 - 130	02/11/26 12:23	02/12/26 00:38	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			02/12/26 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/12/26 10:34	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	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 10:34	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 10:34	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 10:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	02/11/26 10:04	02/12/26 10:34	1
o-Terphenyl (Surr)	135	S1+	70 - 130	02/11/26 10:04	02/12/26 10:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.6		10.1		mg/Kg			02/11/26 21:41	1

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

Lab Sample ID: 880-68072-6

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 00:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 00:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 00:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/26 12:23	02/12/26 00:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 00:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/26 12:23	02/12/26 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/11/26 12:23	02/12/26 00:59	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/11/26 12:23	02/12/26 00:59	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-6

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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			02/12/26 00:59	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			02/12/26 10:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 10:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 10:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 10:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/11/26 10:04	02/12/26 10:47	1
o-Terphenyl (Surr)	121		70 - 130	02/11/26 10:04	02/12/26 10:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		10.1		mg/Kg			02/11/26 21:57	1

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68072-7

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 01:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 01:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 01:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/12/26 01:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 01:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/12/26 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	02/11/26 12:23	02/12/26 01:19	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/11/26 12:23	02/12/26 01:19	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			02/12/26 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/12/26 11:02	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	<50.1	U	50.1		mg/Kg		02/11/26 10:04	02/12/26 11:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:04	02/12/26 11:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (2')

Lab Sample ID: 880-68072-7

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:04	02/12/26 11:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				02/11/26 10:04	02/12/26 11:02	1
o-Terphenyl (Surr)	138	S1+	70 - 130				02/11/26 10:04	02/12/26 11:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.8		9.94		mg/Kg			02/11/26 22:03	1

Client Sample ID: S-2 (3')

Lab Sample ID: 880-68072-8

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 01:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/12/26 01:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/12/26 01:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 12:23	02/12/26 01:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/12/26 01:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 12:23	02/12/26 01:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/11/26 12:23	02/12/26 01:40	1
1,4-Difluorobenzene (Surr)	91		70 - 130				02/11/26 12:23	02/12/26 01:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			02/12/26 01:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/12/26 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/11/26 10:04	02/12/26 11:16	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:04	02/12/26 11:16	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:04	02/12/26 11:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				02/11/26 10:04	02/12/26 11:16	1
o-Terphenyl (Surr)	131	S1+	70 - 130				02/11/26 10:04	02/12/26 11:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.9		10.0		mg/Kg			02/11/26 22:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-2 (4')

Lab Sample ID: 880-68072-9

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 02:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 02:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 02:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 02:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 02:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/11/26 12:23	02/12/26 02:01	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/11/26 12:23	02/12/26 02:01	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			02/12/26 02:01	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			02/12/26 11:29	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		02/11/26 10:04	02/12/26 11:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 11:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 11:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	02/11/26 10:04	02/12/26 11:29	1
o-Terphenyl (Surr)	131	S1+	70 - 130	02/11/26 10:04	02/12/26 11:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		9.96		mg/Kg			02/11/26 22:13	1

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-68072-10

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 02:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 02:21	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 02:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 02:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 02:21	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 02:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/11/26 12:23	02/12/26 02:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/11/26 12:23	02/12/26 02:21	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (4.5')

Lab Sample ID: 880-68072-10

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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			02/12/26 02:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/12/26 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 11:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 11:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	02/11/26 10:04	02/12/26 11:43	1
o-Terphenyl (Surr)	118		70 - 130	02/11/26 10:04	02/12/26 11:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.2		9.98		mg/Kg			02/11/26 22:19	1

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

Lab Sample ID: 880-68072-11

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 03:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 03:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 03:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:23	02/12/26 03:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 03:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:23	02/12/26 03:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/11/26 12:23	02/12/26 03:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130	02/11/26 12:23	02/12/26 03:54	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			02/12/26 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/12/26 12:11	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	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 12:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 12:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-11

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				02/11/26 10:04	02/12/26 12:11	1
o-Terphenyl (Surr)	117		70 - 130				02/11/26 10:04	02/12/26 12:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.6		10.0		mg/Kg			02/11/26 22:24	1

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68072-12

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 04:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 04:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 04:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/12/26 04:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 04:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/12/26 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				02/11/26 12:23	02/12/26 04:15	1
1,4-Difluorobenzene (Surr)	104		70 - 130				02/11/26 12:23	02/12/26 04:15	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			02/12/26 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			02/12/26 12:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		02/11/26 10:04	02/12/26 12:25	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		02/11/26 10:04	02/12/26 12:25	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		02/11/26 10:04	02/12/26 12:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				02/11/26 10:04	02/12/26 12:25	1
o-Terphenyl (Surr)	115		70 - 130				02/11/26 10:04	02/12/26 12:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		9.90		mg/Kg			02/11/26 22:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New MexicoClient Sample ID: S-3 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42Lab Sample ID: 880-68072-13
Matrix: Solid

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		02/11/26 12:23	02/12/26 04:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 04:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 04:35	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/11/26 12:23	02/12/26 04:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 04:35	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/11/26 12:23	02/12/26 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	02/11/26 12:23	02/12/26 04:35	1
1,4-Difluorobenzene (Surr)	91		70 - 130	02/11/26 12:23	02/12/26 04:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/12/26 04:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/12/26 12:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		02/11/26 10:04	02/12/26 12:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 10:04	02/12/26 12:39	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/11/26 10:04	02/12/26 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	02/11/26 10:04	02/12/26 12:39	1
o-Terphenyl (Surr)	130		70 - 130	02/11/26 10:04	02/12/26 12:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		10.0		mg/Kg			02/11/26 22:45	1

Client Sample ID: S-3 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42Lab Sample ID: 880-68072-14
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 08:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 08:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 08:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 08:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 08:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 08:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	40	S1-	70 - 130	02/11/26 12:23	02/12/26 08:28	1
1,4-Difluorobenzene (Surr)	73		70 - 130	02/11/26 12:23	02/12/26 08:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (4')
 Date Collected: 02/10/26 00:00
 Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-14
 Matrix: Solid

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			02/12/26 08:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/12/26 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 12:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 12:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:04	02/12/26 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	02/11/26 10:04	02/12/26 12:53	1
o-Terphenyl (Surr)	123		70 - 130	02/11/26 10:04	02/12/26 12:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.6		9.92		mg/Kg			02/11/26 23:01	1

Client Sample ID: S-3 (4.5')
 Date Collected: 02/10/26 00:00
 Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-15
 Matrix: Solid

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		02/11/26 12:23	02/12/26 08:48	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 08:48	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 08:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 08:48	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 08:48	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 08:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	02/11/26 12:23	02/12/26 08:48	1
1,4-Difluorobenzene (Surr)	76		70 - 130	02/11/26 12:23	02/12/26 08:48	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			02/12/26 08:48	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			02/12/26 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 13:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:04	02/12/26 13:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (4.5')

Lab Sample ID: 880-68072-15

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 10:04	02/12/26 13:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				02/11/26 10:04	02/12/26 13:07	1
o-Terphenyl (Surr)	133	S1+	70 - 130				02/11/26 10:04	02/12/26 13:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		9.94		mg/Kg			02/11/26 23:07	1

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

Lab Sample ID: 880-68072-16

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 09:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 09:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 09:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/26 12:23	02/12/26 09:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/12/26 09:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/26 12:23	02/12/26 09:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130				02/11/26 12:23	02/12/26 09:09	1
1,4-Difluorobenzene (Surr)	75		70 - 130				02/11/26 12:23	02/12/26 09:09	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			02/12/26 09:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/12/26 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/11/26 10:04	02/12/26 13:21	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:04	02/12/26 13:21	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:04	02/12/26 13:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				02/11/26 10:04	02/12/26 13:21	1
o-Terphenyl (Surr)	121		70 - 130				02/11/26 10:04	02/12/26 13:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	433		10.0		mg/Kg			02/11/26 18:29	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-4 (2')

Lab Sample ID: 880-68072-17

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 09:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 09:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 09:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/12/26 09:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 12:23	02/12/26 09:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 12:23	02/12/26 09:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	67	S1-	70 - 130	02/11/26 12:23	02/12/26 09:29	1
1,4-Difluorobenzene (Surr)	74		70 - 130	02/11/26 12:23	02/12/26 09:29	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			02/12/26 09:29	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			02/12/26 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		02/11/26 10:04	02/12/26 13:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 13:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:04	02/12/26 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	02/11/26 10:04	02/12/26 13:35	1
o-Terphenyl (Surr)	134	S1+	70 - 130	02/11/26 10:04	02/12/26 13:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		9.90		mg/Kg			02/11/26 18:45	1

Client Sample ID: S-4 (3')

Lab Sample ID: 880-68072-18

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 09:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/12/26 09:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/12/26 09:50	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 12:23	02/12/26 09:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 12:23	02/12/26 09:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 12:23	02/12/26 09:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	64	S1-	70 - 130	02/11/26 12:23	02/12/26 09:50	1
1,4-Difluorobenzene (Surr)	75		70 - 130	02/11/26 12:23	02/12/26 09:50	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-18
Matrix: Solid

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			02/12/26 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/12/26 13:49	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		02/11/26 10:04	02/12/26 13:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:04	02/12/26 13:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:04	02/12/26 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	02/11/26 10:04	02/12/26 13:49	1
o-Terphenyl (Surr)	125		70 - 130	02/11/26 10:04	02/12/26 13:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.5		10.0		mg/Kg			02/11/26 18:51	1

Client Sample ID: S-4 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 10:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 10:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 10:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 10:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 12:23	02/12/26 10:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 12:23	02/12/26 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	02/11/26 12:23	02/12/26 10:10	1
1,4-Difluorobenzene (Surr)	75		70 - 130	02/11/26 12:23	02/12/26 10:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			02/12/26 10:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/12/26 14:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		02/11/26 10:04	02/12/26 14:03	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/11/26 10:04	02/12/26 14:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-19
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/11/26 10:04	02/12/26 14:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130				02/11/26 10:04	02/12/26 14:03	1
o-Terphenyl (Surr)	135	S1+	70 - 130				02/11/26 10:04	02/12/26 14:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.7		9.96		mg/Kg			02/11/26 18:56	1

Client Sample ID: S-4 (4.5')

Lab Sample ID: 880-68072-20
Matrix: Solid

Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

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		02/11/26 12:23	02/12/26 10:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 10:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 10:31	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 10:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 12:23	02/12/26 10:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 12:23	02/12/26 10:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				02/11/26 12:23	02/12/26 10:31	1
1,4-Difluorobenzene (Surr)	95		70 - 130				02/11/26 12:23	02/12/26 10:31	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			02/12/26 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/12/26 14:18	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	<49.8	U	49.8		mg/Kg		02/11/26 10:04	02/12/26 14:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:04	02/12/26 14:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:04	02/12/26 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				02/11/26 10:04	02/12/26 14:18	1
o-Terphenyl (Surr)	129		70 - 130				02/11/26 10:04	02/12/26 14:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		10.1		mg/Kg			02/11/26 19:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-68072-21

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 04:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 04:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 04:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 11:42	02/12/26 04:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 04:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 11:42	02/12/26 04:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	02/11/26 11:42	02/12/26 04:05	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/11/26 11:42	02/12/26 04:05	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			02/12/26 04:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/11/26 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/11/26 10:08	02/11/26 17:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/11/26 10:08	02/11/26 17:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/11/26 10:08	02/11/26 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	02/11/26 10:08	02/11/26 17:48	1
o-Terphenyl (Surr)	133	S1+	70 - 130	02/11/26 10:08	02/11/26 17:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		10.0		mg/Kg			02/11/26 19:17	1

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68072-22

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 04:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 11:42	02/12/26 04:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 11:42	02/12/26 04:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 11:42	02/12/26 04:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 11:42	02/12/26 04:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 11:42	02/12/26 04:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/11/26 11:42	02/12/26 04:26	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/11/26 11:42	02/12/26 04:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			02/12/26 04:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/11/26 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		02/11/26 10:08	02/11/26 18:30	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:08	02/11/26 18:30	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:08	02/11/26 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/11/26 10:08	02/11/26 18:30	1
o-Terphenyl (Surr)	115		70 - 130	02/11/26 10:08	02/11/26 18:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.5		9.96		mg/Kg			02/11/26 19:23	1

Client Sample ID: S-5 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-23
Matrix: Solid

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		02/11/26 11:42	02/12/26 04:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 04:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 04:47	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/11/26 11:42	02/12/26 04:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 04:47	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/11/26 11:42	02/12/26 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	02/11/26 11:42	02/12/26 04:47	1
1,4-Difluorobenzene (Surr)	81		70 - 130	02/11/26 11:42	02/12/26 04:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/12/26 04:47	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			02/11/26 18:44	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	<49.8	U	49.8		mg/Kg		02/11/26 10:08	02/11/26 18:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/11/26 10:08	02/11/26 18:44	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/11/26 10:08	02/11/26 18:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				02/11/26 10:08	02/11/26 18:44	1
o-Terphenyl (Surr)	117		70 - 130				02/11/26 10:08	02/11/26 18:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.1		10.0		mg/Kg			02/11/26 19:28	1

Client Sample ID: S-5 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-24
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 05:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 05:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 05:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 11:42	02/12/26 05:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 05:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 11:42	02/12/26 05:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				02/11/26 11:42	02/12/26 05:07	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/11/26 11:42	02/12/26 05:07	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			02/12/26 05:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/11/26 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/11/26 10:08	02/11/26 18:58	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:08	02/11/26 18:58	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:08	02/11/26 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				02/11/26 10:08	02/11/26 18:58	1
o-Terphenyl (Surr)	119		70 - 130				02/11/26 10:08	02/11/26 18:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		10.0		mg/Kg			02/11/26 19:33	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-5 (4.5')

Lab Sample ID: 880-68072-25

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 05:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 11:42	02/12/26 05:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 11:42	02/12/26 05:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 11:42	02/12/26 05:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 11:42	02/12/26 05:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 11:42	02/12/26 05:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	02/11/26 11:42	02/12/26 05:28	1
1,4-Difluorobenzene (Surr)	113		70 - 130	02/11/26 11:42	02/12/26 05:28	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			02/12/26 05:28	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			02/11/26 19:12	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		02/11/26 10:08	02/11/26 19:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 19:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	02/11/26 10:08	02/11/26 19:12	1
o-Terphenyl (Surr)	113		70 - 130	02/11/26 10:08	02/11/26 19:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		10.0		mg/Kg			02/11/26 19:39	1

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68072-26

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 05:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 05:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 05:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/11/26 11:42	02/12/26 05:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/12/26 05:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/11/26 11:42	02/12/26 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/11/26 11:42	02/12/26 05:49	1
1,4-Difluorobenzene (Surr)	114		70 - 130	02/11/26 11:42	02/12/26 05:49	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (0-1')

Lab Sample ID: 880-68072-26

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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			02/12/26 05:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			02/11/26 19:26	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	<49.6	U	49.6		mg/Kg		02/11/26 10:08	02/11/26 19:26	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		02/11/26 10:08	02/11/26 19:26	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		02/11/26 10:08	02/11/26 19:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	02/11/26 10:08	02/11/26 19:26	1
o-Terphenyl (Surr)	119		70 - 130	02/11/26 10:08	02/11/26 19:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.8		9.94		mg/Kg			02/11/26 19:44	1

Client Sample ID: S-6 (2')

Lab Sample ID: 880-68072-27

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 06:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/11/26 11:42	02/12/26 06:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/11/26 11:42	02/12/26 06:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/11/26 11:42	02/12/26 06:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/11/26 11:42	02/12/26 06:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/11/26 11:42	02/12/26 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/11/26 11:42	02/12/26 06:09	1
1,4-Difluorobenzene (Surr)	114		70 - 130	02/11/26 11:42	02/12/26 06:09	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			02/12/26 06:09	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			02/11/26 19:40	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	<49.9	U	49.9		mg/Kg		02/11/26 10:08	02/11/26 19:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/11/26 10:08	02/11/26 19:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-27
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/11/26 10:08	02/11/26 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				02/11/26 10:08	02/11/26 19:40	1
o-Terphenyl (Surr)	118		70 - 130				02/11/26 10:08	02/11/26 19:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		10.0		mg/Kg			02/11/26 20:00	1

Client Sample ID: S-6 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-28
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		02/11/26 11:42	02/12/26 06:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/11/26 11:42	02/12/26 06:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/11/26 11:42	02/12/26 06:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/11/26 11:42	02/12/26 06:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/11/26 11:42	02/12/26 06:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/11/26 11:42	02/12/26 06:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				02/11/26 11:42	02/12/26 06:30	1
1,4-Difluorobenzene (Surr)	113		70 - 130				02/11/26 11:42	02/12/26 06:30	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			02/12/26 06:30	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			02/11/26 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 19:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 19:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				02/11/26 10:08	02/11/26 19:53	1
o-Terphenyl (Surr)	116		70 - 130				02/11/26 10:08	02/11/26 19:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.1		9.90		mg/Kg			02/11/26 20:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Client Sample ID: S-6 (4')

Lab Sample ID: 880-68072-29

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 09:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 09:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 09:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/11/26 11:42	02/12/26 09:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/11/26 11:42	02/12/26 09:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/11/26 11:42	02/12/26 09:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/11/26 11:42	02/12/26 09:04	1
1,4-Difluorobenzene (Surr)	107		70 - 130	02/11/26 11:42	02/12/26 09:04	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			02/12/26 09:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			02/11/26 20:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		02/11/26 10:08	02/11/26 20:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		02/11/26 10:08	02/11/26 20:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		02/11/26 10:08	02/11/26 20:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	02/11/26 10:08	02/11/26 20:07	1
o-Terphenyl (Surr)	118		70 - 130	02/11/26 10:08	02/11/26 20:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.2		10.0		mg/Kg			02/11/26 20:21	1

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-68072-30

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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		02/11/26 11:42	02/12/26 10:04	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/11/26 11:42	02/12/26 10:04	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/11/26 11:42	02/12/26 10:04	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/11/26 11:42	02/12/26 10:04	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/11/26 11:42	02/12/26 10:04	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/11/26 11:42	02/12/26 10:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	02/11/26 11:42	02/12/26 10:04	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/11/26 11:42	02/12/26 10:04	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (4.5')

Lab Sample ID: 880-68072-30

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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			02/12/26 10:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			02/11/26 20:21	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	<50.3	U	50.3		mg/Kg		02/11/26 10:08	02/11/26 20:21	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		02/11/26 10:08	02/11/26 20:21	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		02/11/26 10:08	02/11/26 20:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	02/11/26 10:08	02/11/26 20:21	1
o-Terphenyl (Surr)	124		70 - 130	02/11/26 10:08	02/11/26 20:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.6		9.96		mg/Kg			02/11/26 20:27	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-68072-1	S-1 (0-1')	101	96
880-68072-1 MS	S-1 (0-1')	96	104
880-68072-1 MSD	S-1 (0-1')	103	92
880-68072-2	S-1 (2')	79	92
880-68072-3	S-1 (3')	101	94
880-68072-4	S-1 (4')	102	92
880-68072-5	S-1 (4.5')	99	93
880-68072-6	S-2 (0-1')	100	98
880-68072-7	S-2 (2')	87	83
880-68072-8	S-2 (3')	107	91
880-68072-9	S-2 (4')	100	95
880-68072-10	S-2 (4.5')	102	94
880-68072-11	S-3 (0-1')	105	98
880-68072-12	S-3 (2')	100	104
880-68072-13	S-3 (3')	80	91
880-68072-14	S-3 (4')	40 S1-	73
880-68072-15	S-3 (4.5')	69 S1-	76
880-68072-16	S-4 (0-1')	67 S1-	75
880-68072-17	S-4 (2')	67 S1-	74
880-68072-18	S-4 (3')	64 S1-	75
880-68072-19	S-4 (4')	69 S1-	75
880-68072-20	S-4 (4.5')	99	95
880-68072-21	S-5 (0-1')	101	107
880-68072-22	S-5 (2')	102	109
880-68072-23	S-5 (3')	95	81
880-68072-24	S-5 (4')	107	113
880-68072-25	S-5 (4.5')	107	113
880-68072-26	S-6 (0-1')	106	114
880-68072-27	S-6 (2')	106	114
880-68072-28	S-6 (3')	104	113
880-68072-29	S-6 (4')	110	107
880-68072-30	S-6 (4.5')	91	96
890-9468-A-19-B MS	Matrix Spike	68 S1-	90
890-9468-A-19-C MSD	Matrix Spike Duplicate	99	121
LCS 880-131484/1-A	Lab Control Sample	102	112
LCS 880-131500/1-A	Lab Control Sample	116	89
LCSD 880-131484/2-A	Lab Control Sample Dup	104	114
LCSD 880-131500/2-A	Lab Control Sample Dup	105	100
MB 880-131446/5-A	Method Blank	102	96
MB 880-131450/5-A	Method Blank	100	110
MB 880-131484/5-A	Method Blank	99	111
MB 880-131500/5-A	Method Blank	98	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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)
880-68072-1	S-1 (0-1')	108	136 S1+
880-68072-1 MS	S-1 (0-1')	120	121
880-68072-1 MSD	S-1 (0-1')	128	120
880-68072-2	S-1 (2')	102	121
880-68072-3	S-1 (3')	98	112
880-68072-4	S-1 (4')	119	132 S1+
880-68072-5	S-1 (4.5')	127	135 S1+
880-68072-6	S-2 (0-1')	100	121
880-68072-7	S-2 (2')	119	138 S1+
880-68072-8	S-2 (3')	112	131 S1+
880-68072-9	S-2 (4')	116	131 S1+
880-68072-10	S-2 (4.5')	106	118
880-68072-11	S-3 (0-1')	108	117
880-68072-12	S-3 (2')	100	115
880-68072-13	S-3 (3')	112	130
880-68072-14	S-3 (4')	108	123
880-68072-15	S-3 (4.5')	119	133 S1+
880-68072-16	S-4 (0-1')	103	121
880-68072-17	S-4 (2')	119	134 S1+
880-68072-18	S-4 (3')	112	125
880-68072-19	S-4 (4')	137 S1+	135 S1+
880-68072-20	S-4 (4.5')	117	129
880-68072-21	S-5 (0-1')	113	133 S1+
880-68072-21 MS	S-5 (0-1')	128	124
880-68072-21 MSD	S-5 (0-1')	134 S1+	125
880-68072-22	S-5 (2')	100	115
880-68072-23	S-5 (3')	104	117
880-68072-24	S-5 (4')	96	119
880-68072-25	S-5 (4.5')	99	113
880-68072-26	S-6 (0-1')	110	119
880-68072-27	S-6 (2')	105	118
880-68072-28	S-6 (3')	101	116
880-68072-29	S-6 (4')	110	118
880-68072-30	S-6 (4.5')	115	124
LCS 880-131461/2-A	Lab Control Sample	109	103
LCS 880-131463/2-A	Lab Control Sample	139 S1+	127
LCSD 880-131461/3-A	Lab Control Sample Dup	109	101
LCSD 880-131463/3-A	Lab Control Sample Dup	131 S1+	121
MB 880-131461/1-A	Method Blank	102	102
MB 880-131463/1-A	Method Blank	124	133 S1+

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-131446/5-A
Matrix: Solid
Analysis Batch: 131432

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131446

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:31	02/11/26 11:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:31	02/11/26 11:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:31	02/11/26 11:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 09:31	02/11/26 11:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:31	02/11/26 11:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 09:31	02/11/26 11:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/11/26 09:31	02/11/26 11:58	1
1,4-Difluorobenzene (Surr)	96		70 - 130	02/11/26 09:31	02/11/26 11:58	1

Lab Sample ID: MB 880-131450/5-A
Matrix: Solid
Analysis Batch: 131442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:41	02/11/26 12:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:41	02/11/26 12:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:41	02/11/26 12:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 09:41	02/11/26 12:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 09:41	02/11/26 12:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 09:41	02/11/26 12:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/11/26 09:41	02/11/26 12:35	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/11/26 09:41	02/11/26 12:35	1

Lab Sample ID: MB 880-131484/5-A
Matrix: Solid
Analysis Batch: 131442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131484

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/11/26 23:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/11/26 23:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/11/26 23:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 11:42	02/11/26 23:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 11:42	02/11/26 23:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 11:42	02/11/26 23:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	02/11/26 11:42	02/11/26 23:14	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/11/26 11:42	02/11/26 23:14	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68072-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131484/1-A
Matrix: Solid
Analysis Batch: 131442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131484

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	0.100	0.1088		mg/Kg		109	70 - 130
Toluene	0.100	0.09782		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1076		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2093		mg/Kg		105	70 - 130
o-Xylene	0.100	0.09887		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-131484/2-A
Matrix: Solid
Analysis Batch: 131442

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131484

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	8	35
Toluene	0.100	0.09153		mg/Kg		92	70 - 130	7	35
Ethylbenzene	0.100	0.09727		mg/Kg		97	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1890		mg/Kg		95	70 - 130	10	35
o-Xylene	0.100	0.09233		mg/Kg		92	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 890-9468-A-19-B MS
Matrix: Solid
Analysis Batch: 131442

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 131484

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzene	0.0963	F2 F1	0.100	0.004096	F1	mg/Kg		-92	70 - 130
Toluene	0.0257	F2 F1	0.100	0.02855	F1	mg/Kg		3	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.01905	F1	mg/Kg		18	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.04898	F1	mg/Kg		24	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.02556	F1	mg/Kg		26	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 890-9468-A-19-C MSD
Matrix: Solid
Analysis Batch: 131442

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 131484

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.0963	F2 F1	0.100	0.1335	F2 F1	mg/Kg		37	70 - 130	188	35
Toluene	0.0257	F2 F1	0.100	0.08538	F2 F1	mg/Kg		60	70 - 130	100	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.07536	F2	mg/Kg		74	70 - 130	119	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9468-A-19-C MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 131442

Prep Batch: 131484

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.200	0.1418	F2	mg/Kg		71	70 - 130	97	35
o-Xylene	<0.00200	U F2 F1	0.100	0.06745	F2 F1	mg/Kg		67	70 - 130	90	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	99		70 - 130								
1,4-Difluorobenzene (Surr)	121		70 - 130								

Lab Sample ID: MB 880-131500/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 131432

Prep Batch: 131500

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 22:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 22:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 22:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/11/26 12:23	02/11/26 22:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/11/26 12:23	02/11/26 22:55	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/11/26 12:23	02/11/26 22:55	1
Surrogate	%Recovery	MB Qualifier	MB Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				02/11/26 12:23	02/11/26 22:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130				02/11/26 12:23	02/11/26 22:55	1

Lab Sample ID: LCS 880-131500/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 131432

Prep Batch: 131500

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08490		mg/Kg		85	70 - 130
Toluene	0.100	0.1064		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2182		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130
Surrogate	%Recovery	LCS Qualifier	LCS Limits				
4-Bromofluorobenzene (Surr)	116		70 - 130				
1,4-Difluorobenzene (Surr)	89		70 - 130				

Lab Sample ID: LCSD 880-131500/2-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 131432

Prep Batch: 131500

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09595		mg/Kg		96	70 - 130	12	35
Toluene	0.100	0.1049		mg/Kg		105	70 - 130	1	35
Ethylbenzene	0.100	0.09469		mg/Kg		95	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1994		mg/Kg		100	70 - 130	9	35
o-Xylene	0.100	0.09769		mg/Kg		98	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-68072-1 MS
 Matrix: Solid
 Analysis Batch: 131432

Client Sample ID: S-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 131500

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.08193		mg/Kg		82	70 - 130
Toluene	<0.00200	U	0.100	0.08317		mg/Kg		83	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07455		mg/Kg		75	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1472		mg/Kg		74	70 - 130
o-Xylene	<0.00200	U	0.100	0.07528		mg/Kg		75	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-68072-1 MSD
 Matrix: Solid
 Analysis Batch: 131432

Client Sample ID: S-1 (0-1')
 Prep Type: Total/NA
 Prep Batch: 131500

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.07063		mg/Kg		71	70 - 130	15	35
Toluene	<0.00200	U	0.100	0.08350		mg/Kg		83	70 - 130	0	35
Ethylbenzene	<0.00200	U	0.100	0.08189		mg/Kg		82	70 - 130	9	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1636		mg/Kg		82	70 - 130	11	35
o-Xylene	<0.00200	U	0.100	0.08186		mg/Kg		82	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-131461/1-A
 Matrix: Solid
 Analysis Batch: 131573

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 131461

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		02/11/26 10:03	02/12/26 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:03	02/12/26 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:03	02/12/26 06:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	02/11/26 10:03	02/12/26 06:12	1
o-Terphenyl (Surr)	102		70 - 130	02/11/26 10:03	02/12/26 06:12	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68072-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-131461/2-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131461

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1093		mg/Kg		109	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1119		mg/Kg		112	70 - 130	
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)	109		70 - 130					
o-Terphenyl (Surr)	103		70 - 130					

Lab Sample ID: LCSD 880-131461/3-A
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131461

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits			
Gasoline Range Organics (GRO)-C6-C10	1000	1014		mg/Kg		101	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)	1000	1093		mg/Kg		109	70 - 130	2	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	109		70 - 130							
o-Terphenyl (Surr)	101		70 - 130							

Lab Sample ID: 880-68072-1 MS
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 131461

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1026		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1061		mg/Kg		106	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	120		70 - 130							
o-Terphenyl (Surr)	121		70 - 130							

Lab Sample ID: 880-68072-1 MSD
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 131461

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1020		mg/Kg		102	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1037		mg/Kg		104	70 - 130	2	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	128		70 - 130									

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-1 MSD
Matrix: Solid
Analysis Batch: 131573

Client Sample ID: S-1 (0-1')
Prep Type: Total/NA
Prep Batch: 131461

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	120		70 - 130

Lab Sample ID: MB 880-131463/1-A
Matrix: Solid
Analysis Batch: 131429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 131463

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		02/11/26 10:08	02/11/26 15:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 15:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/11/26 10:08	02/11/26 15:51	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	124		70 - 130	02/11/26 10:08	02/11/26 15:51	1
<i>o</i> -Terphenyl (Surr)	133	S1+	70 - 130	02/11/26 10:08	02/11/26 15:51	1

Lab Sample ID: LCS 880-131463/2-A
Matrix: Solid
Analysis Batch: 131429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131463

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1051		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1098		mg/Kg		110	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	139	S1+	70 - 130
<i>o</i> -Terphenyl (Surr)	127		70 - 130

Lab Sample ID: LCSD 880-131463/3-A
Matrix: Solid
Analysis Batch: 131429

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131463

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1092		mg/Kg		109	70 - 130	1	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	131	S1+	70 - 130
<i>o</i> -Terphenyl (Surr)	121		70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-21 MS
 Matrix: Solid
 Analysis Batch: 131429

Client Sample ID: S-5 (0-1')
 Prep Type: Total/NA
 Prep Batch: 131463

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	1048		mg/Kg		104	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1043		mg/Kg		103	70 - 130
		MS MS							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	128		70 - 130						
o-Terphenyl (Surr)	124		70 - 130						

Lab Sample ID: 880-68072-21 MSD
 Matrix: Solid
 Analysis Batch: 131429

Client Sample ID: S-5 (0-1')
 Prep Type: Total/NA
 Prep Batch: 131463

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1010	993.0		mg/Kg		98	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1010	1019		mg/Kg		101	70 - 130	2	20
		MSD MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	134	S1+	70 - 130								
o-Terphenyl (Surr)	125		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-131448/1-A
 Matrix: Solid
 Analysis Batch: 131532

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			02/11/26 20:53	1

Lab Sample ID: LCS 880-131448/2-A
 Matrix: Solid
 Analysis Batch: 131532

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	238.6		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-131448/3-A
 Matrix: Solid
 Analysis Batch: 131532

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	238.6		mg/Kg		95	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68072-1 MS
Matrix: Solid
Analysis Batch: 131532

Client Sample ID: S-1 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	14.2		248	254.3		mg/Kg		97	90 - 110

Lab Sample ID: 880-68072-1 MSD
Matrix: Solid
Analysis Batch: 131532

Client Sample ID: S-1 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	14.2		248	254.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-68072-11 MS
Matrix: Solid
Analysis Batch: 131532

Client Sample ID: S-3 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	37.6		251	286.1		mg/Kg		99	90 - 110

Lab Sample ID: 880-68072-11 MSD
Matrix: Solid
Analysis Batch: 131532

Client Sample ID: S-3 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	37.6		251	286.2		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-131449/1-A
Matrix: Solid
Analysis Batch: 131533

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			02/11/26 18:13	1

Lab Sample ID: LCS 880-131449/2-A
Matrix: Solid
Analysis Batch: 131533

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	235.6		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-131449/3-A
Matrix: Solid
Analysis Batch: 131533

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	232.3		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 880-68072-16 MS
Matrix: Solid
Analysis Batch: 131533

Client Sample ID: S-4 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	433		251	693.0		mg/Kg		104	90 - 110

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-68072-16 MSD
Matrix: Solid
Analysis Batch: 131533

Client Sample ID: S-4 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	433		251	682.9		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-68072-26 MS
Matrix: Solid
Analysis Batch: 131533

Client Sample ID: S-6 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.8		249	279.2		mg/Kg		96	90 - 110		

Lab Sample ID: 880-68072-26 MSD
Matrix: Solid
Analysis Batch: 131533

Client Sample ID: S-6 (0-1')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	39.8		249	279.2		mg/Kg		96	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 131432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Total/NA	Solid	8021B	131500
880-68072-2	S-1 (2')	Total/NA	Solid	8021B	131500
880-68072-3	S-1 (3')	Total/NA	Solid	8021B	131500
880-68072-4	S-1 (4')	Total/NA	Solid	8021B	131500
880-68072-5	S-1 (4.5')	Total/NA	Solid	8021B	131500
880-68072-6	S-2 (0-1')	Total/NA	Solid	8021B	131500
880-68072-7	S-2 (2')	Total/NA	Solid	8021B	131500
880-68072-8	S-2 (3')	Total/NA	Solid	8021B	131500
880-68072-9	S-2 (4')	Total/NA	Solid	8021B	131500
880-68072-10	S-2 (4.5')	Total/NA	Solid	8021B	131500
880-68072-11	S-3 (0-1')	Total/NA	Solid	8021B	131500
880-68072-12	S-3 (2')	Total/NA	Solid	8021B	131500
880-68072-13	S-3 (3')	Total/NA	Solid	8021B	131500
880-68072-14	S-3 (4')	Total/NA	Solid	8021B	131500
880-68072-15	S-3 (4.5')	Total/NA	Solid	8021B	131500
880-68072-16	S-4 (0-1')	Total/NA	Solid	8021B	131500
880-68072-17	S-4 (2')	Total/NA	Solid	8021B	131500
880-68072-18	S-4 (3')	Total/NA	Solid	8021B	131500
880-68072-19	S-4 (4')	Total/NA	Solid	8021B	131500
880-68072-20	S-4 (4.5')	Total/NA	Solid	8021B	131500
MB 880-131446/5-A	Method Blank	Total/NA	Solid	8021B	131446
MB 880-131500/5-A	Method Blank	Total/NA	Solid	8021B	131500
LCS 880-131500/1-A	Lab Control Sample	Total/NA	Solid	8021B	131500
LCSD 880-131500/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131500
880-68072-1 MS	S-1 (0-1')	Total/NA	Solid	8021B	131500
880-68072-1 MSD	S-1 (0-1')	Total/NA	Solid	8021B	131500

Analysis Batch: 131442

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-21	S-5 (0-1')	Total/NA	Solid	8021B	131484
880-68072-22	S-5 (2')	Total/NA	Solid	8021B	131484
880-68072-23	S-5 (3')	Total/NA	Solid	8021B	131484
880-68072-24	S-5 (4')	Total/NA	Solid	8021B	131484
880-68072-25	S-5 (4.5')	Total/NA	Solid	8021B	131484
880-68072-26	S-6 (0-1')	Total/NA	Solid	8021B	131484
880-68072-27	S-6 (2')	Total/NA	Solid	8021B	131484
880-68072-28	S-6 (3')	Total/NA	Solid	8021B	131484
880-68072-29	S-6 (4')	Total/NA	Solid	8021B	131484
880-68072-30	S-6 (4.5')	Total/NA	Solid	8021B	131484
MB 880-131450/5-A	Method Blank	Total/NA	Solid	8021B	131450
MB 880-131484/5-A	Method Blank	Total/NA	Solid	8021B	131484
LCS 880-131484/1-A	Lab Control Sample	Total/NA	Solid	8021B	131484
LCSD 880-131484/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131484
890-9468-A-19-B MS	Matrix Spike	Total/NA	Solid	8021B	131484
890-9468-A-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	131484

Prep Batch: 131446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131446/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 131450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-131450/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 131484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-21	S-5 (0-1')	Total/NA	Solid	5035	
880-68072-22	S-5 (2')	Total/NA	Solid	5035	
880-68072-23	S-5 (3')	Total/NA	Solid	5035	
880-68072-24	S-5 (4')	Total/NA	Solid	5035	
880-68072-25	S-5 (4.5')	Total/NA	Solid	5035	
880-68072-26	S-6 (0-1')	Total/NA	Solid	5035	
880-68072-27	S-6 (2')	Total/NA	Solid	5035	
880-68072-28	S-6 (3')	Total/NA	Solid	5035	
880-68072-29	S-6 (4')	Total/NA	Solid	5035	
880-68072-30	S-6 (4.5')	Total/NA	Solid	5035	
MB 880-131484/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131484/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131484/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9468-A-19-B MS	Matrix Spike	Total/NA	Solid	5035	
890-9468-A-19-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 131500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Total/NA	Solid	5035	
880-68072-2	S-1 (2')	Total/NA	Solid	5035	
880-68072-3	S-1 (3')	Total/NA	Solid	5035	
880-68072-4	S-1 (4')	Total/NA	Solid	5035	
880-68072-5	S-1 (4.5')	Total/NA	Solid	5035	
880-68072-6	S-2 (0-1')	Total/NA	Solid	5035	
880-68072-7	S-2 (2')	Total/NA	Solid	5035	
880-68072-8	S-2 (3')	Total/NA	Solid	5035	
880-68072-9	S-2 (4')	Total/NA	Solid	5035	
880-68072-10	S-2 (4.5')	Total/NA	Solid	5035	
880-68072-11	S-3 (0-1')	Total/NA	Solid	5035	
880-68072-12	S-3 (2')	Total/NA	Solid	5035	
880-68072-13	S-3 (3')	Total/NA	Solid	5035	
880-68072-14	S-3 (4')	Total/NA	Solid	5035	
880-68072-15	S-3 (4.5')	Total/NA	Solid	5035	
880-68072-16	S-4 (0-1')	Total/NA	Solid	5035	
880-68072-17	S-4 (2')	Total/NA	Solid	5035	
880-68072-18	S-4 (3')	Total/NA	Solid	5035	
880-68072-19	S-4 (4')	Total/NA	Solid	5035	
880-68072-20	S-4 (4.5')	Total/NA	Solid	5035	
MB 880-131500/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131500/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131500/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68072-1 MS	S-1 (0-1')	Total/NA	Solid	5035	
880-68072-1 MSD	S-1 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 131654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 131654 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-2	S-1 (2')	Total/NA	Solid	Total BTEX	
880-68072-3	S-1 (3')	Total/NA	Solid	Total BTEX	
880-68072-4	S-1 (4')	Total/NA	Solid	Total BTEX	
880-68072-5	S-1 (4.5')	Total/NA	Solid	Total BTEX	
880-68072-6	S-2 (0-1')	Total/NA	Solid	Total BTEX	
880-68072-7	S-2 (2')	Total/NA	Solid	Total BTEX	
880-68072-8	S-2 (3')	Total/NA	Solid	Total BTEX	
880-68072-9	S-2 (4')	Total/NA	Solid	Total BTEX	
880-68072-10	S-2 (4.5')	Total/NA	Solid	Total BTEX	
880-68072-11	S-3 (0-1')	Total/NA	Solid	Total BTEX	
880-68072-12	S-3 (2')	Total/NA	Solid	Total BTEX	
880-68072-13	S-3 (3')	Total/NA	Solid	Total BTEX	
880-68072-14	S-3 (4')	Total/NA	Solid	Total BTEX	
880-68072-15	S-3 (4.5')	Total/NA	Solid	Total BTEX	
880-68072-16	S-4 (0-1')	Total/NA	Solid	Total BTEX	
880-68072-17	S-4 (2')	Total/NA	Solid	Total BTEX	
880-68072-18	S-4 (3')	Total/NA	Solid	Total BTEX	
880-68072-19	S-4 (4')	Total/NA	Solid	Total BTEX	
880-68072-20	S-4 (4.5')	Total/NA	Solid	Total BTEX	
880-68072-21	S-5 (0-1')	Total/NA	Solid	Total BTEX	
880-68072-22	S-5 (2')	Total/NA	Solid	Total BTEX	
880-68072-23	S-5 (3')	Total/NA	Solid	Total BTEX	
880-68072-24	S-5 (4')	Total/NA	Solid	Total BTEX	
880-68072-25	S-5 (4.5')	Total/NA	Solid	Total BTEX	
880-68072-26	S-6 (0-1')	Total/NA	Solid	Total BTEX	
880-68072-27	S-6 (2')	Total/NA	Solid	Total BTEX	
880-68072-28	S-6 (3')	Total/NA	Solid	Total BTEX	
880-68072-29	S-6 (4')	Total/NA	Solid	Total BTEX	
880-68072-30	S-6 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 131429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-21	S-5 (0-1')	Total/NA	Solid	8015B NM	131463
880-68072-22	S-5 (2')	Total/NA	Solid	8015B NM	131463
880-68072-23	S-5 (3')	Total/NA	Solid	8015B NM	131463
880-68072-24	S-5 (4')	Total/NA	Solid	8015B NM	131463
880-68072-25	S-5 (4.5')	Total/NA	Solid	8015B NM	131463
880-68072-26	S-6 (0-1')	Total/NA	Solid	8015B NM	131463
880-68072-27	S-6 (2')	Total/NA	Solid	8015B NM	131463
880-68072-28	S-6 (3')	Total/NA	Solid	8015B NM	131463
880-68072-29	S-6 (4')	Total/NA	Solid	8015B NM	131463
880-68072-30	S-6 (4.5')	Total/NA	Solid	8015B NM	131463
MB 880-131463/1-A	Method Blank	Total/NA	Solid	8015B NM	131463
LCS 880-131463/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131463
LCSD 880-131463/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131463
880-68072-21 MS	S-5 (0-1')	Total/NA	Solid	8015B NM	131463
880-68072-21 MSD	S-5 (0-1')	Total/NA	Solid	8015B NM	131463

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

GC Semi VOA

Prep Batch: 131461

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-2	S-1 (2')	Total/NA	Solid	8015NM Prep	
880-68072-3	S-1 (3')	Total/NA	Solid	8015NM Prep	
880-68072-4	S-1 (4')	Total/NA	Solid	8015NM Prep	
880-68072-5	S-1 (4.5')	Total/NA	Solid	8015NM Prep	
880-68072-6	S-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-7	S-2 (2')	Total/NA	Solid	8015NM Prep	
880-68072-8	S-2 (3')	Total/NA	Solid	8015NM Prep	
880-68072-9	S-2 (4')	Total/NA	Solid	8015NM Prep	
880-68072-10	S-2 (4.5')	Total/NA	Solid	8015NM Prep	
880-68072-11	S-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-12	S-3 (2')	Total/NA	Solid	8015NM Prep	
880-68072-13	S-3 (3')	Total/NA	Solid	8015NM Prep	
880-68072-14	S-3 (4')	Total/NA	Solid	8015NM Prep	
880-68072-15	S-3 (4.5')	Total/NA	Solid	8015NM Prep	
880-68072-16	S-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-17	S-4 (2')	Total/NA	Solid	8015NM Prep	
880-68072-18	S-4 (3')	Total/NA	Solid	8015NM Prep	
880-68072-19	S-4 (4')	Total/NA	Solid	8015NM Prep	
880-68072-20	S-4 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-131461/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131461/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131461/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68072-1 MS	S-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-1 MSD	S-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 131463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-21	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-22	S-5 (2')	Total/NA	Solid	8015NM Prep	
880-68072-23	S-5 (3')	Total/NA	Solid	8015NM Prep	
880-68072-24	S-5 (4')	Total/NA	Solid	8015NM Prep	
880-68072-25	S-5 (4.5')	Total/NA	Solid	8015NM Prep	
880-68072-26	S-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-27	S-6 (2')	Total/NA	Solid	8015NM Prep	
880-68072-28	S-6 (3')	Total/NA	Solid	8015NM Prep	
880-68072-29	S-6 (4')	Total/NA	Solid	8015NM Prep	
880-68072-30	S-6 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-131463/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-131463/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-131463/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68072-21 MS	S-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-68072-21 MSD	S-5 (0-1')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Total/NA	Solid	8015B NM	131461
880-68072-2	S-1 (2')	Total/NA	Solid	8015B NM	131461
880-68072-3	S-1 (3')	Total/NA	Solid	8015B NM	131461
880-68072-4	S-1 (4')	Total/NA	Solid	8015B NM	131461
880-68072-5	S-1 (4.5')	Total/NA	Solid	8015B NM	131461

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131573 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-6	S-2 (0-1')	Total/NA	Solid	8015B NM	131461
880-68072-7	S-2 (2')	Total/NA	Solid	8015B NM	131461
880-68072-8	S-2 (3')	Total/NA	Solid	8015B NM	131461
880-68072-9	S-2 (4')	Total/NA	Solid	8015B NM	131461
880-68072-10	S-2 (4.5')	Total/NA	Solid	8015B NM	131461
880-68072-11	S-3 (0-1')	Total/NA	Solid	8015B NM	131461
880-68072-12	S-3 (2')	Total/NA	Solid	8015B NM	131461
880-68072-13	S-3 (3')	Total/NA	Solid	8015B NM	131461
880-68072-14	S-3 (4')	Total/NA	Solid	8015B NM	131461
880-68072-15	S-3 (4.5')	Total/NA	Solid	8015B NM	131461
880-68072-16	S-4 (0-1')	Total/NA	Solid	8015B NM	131461
880-68072-17	S-4 (2')	Total/NA	Solid	8015B NM	131461
880-68072-18	S-4 (3')	Total/NA	Solid	8015B NM	131461
880-68072-19	S-4 (4')	Total/NA	Solid	8015B NM	131461
880-68072-20	S-4 (4.5')	Total/NA	Solid	8015B NM	131461
MB 880-131461/1-A	Method Blank	Total/NA	Solid	8015B NM	131461
LCS 880-131461/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	131461
LCSD 880-131461/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	131461
880-68072-1 MS	S-1 (0-1')	Total/NA	Solid	8015B NM	131461
880-68072-1 MSD	S-1 (0-1')	Total/NA	Solid	8015B NM	131461

Analysis Batch: 131604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Total/NA	Solid	8015 NM	
880-68072-2	S-1 (2')	Total/NA	Solid	8015 NM	
880-68072-3	S-1 (3')	Total/NA	Solid	8015 NM	
880-68072-4	S-1 (4')	Total/NA	Solid	8015 NM	
880-68072-5	S-1 (4.5')	Total/NA	Solid	8015 NM	
880-68072-6	S-2 (0-1')	Total/NA	Solid	8015 NM	
880-68072-7	S-2 (2')	Total/NA	Solid	8015 NM	
880-68072-8	S-2 (3')	Total/NA	Solid	8015 NM	
880-68072-9	S-2 (4')	Total/NA	Solid	8015 NM	
880-68072-10	S-2 (4.5')	Total/NA	Solid	8015 NM	
880-68072-11	S-3 (0-1')	Total/NA	Solid	8015 NM	
880-68072-12	S-3 (2')	Total/NA	Solid	8015 NM	
880-68072-13	S-3 (3')	Total/NA	Solid	8015 NM	
880-68072-14	S-3 (4')	Total/NA	Solid	8015 NM	
880-68072-15	S-3 (4.5')	Total/NA	Solid	8015 NM	
880-68072-16	S-4 (0-1')	Total/NA	Solid	8015 NM	
880-68072-17	S-4 (2')	Total/NA	Solid	8015 NM	
880-68072-18	S-4 (3')	Total/NA	Solid	8015 NM	
880-68072-19	S-4 (4')	Total/NA	Solid	8015 NM	
880-68072-20	S-4 (4.5')	Total/NA	Solid	8015 NM	
880-68072-21	S-5 (0-1')	Total/NA	Solid	8015 NM	
880-68072-22	S-5 (2')	Total/NA	Solid	8015 NM	
880-68072-23	S-5 (3')	Total/NA	Solid	8015 NM	
880-68072-24	S-5 (4')	Total/NA	Solid	8015 NM	
880-68072-25	S-5 (4.5')	Total/NA	Solid	8015 NM	
880-68072-26	S-6 (0-1')	Total/NA	Solid	8015 NM	
880-68072-27	S-6 (2')	Total/NA	Solid	8015 NM	
880-68072-28	S-6 (3')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 131604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-29	S-6 (4')	Total/NA	Solid	8015 NM	
880-68072-30	S-6 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 131448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68072-2	S-1 (2')	Soluble	Solid	DI Leach	
880-68072-3	S-1 (3')	Soluble	Solid	DI Leach	
880-68072-4	S-1 (4')	Soluble	Solid	DI Leach	
880-68072-5	S-1 (4.5')	Soluble	Solid	DI Leach	
880-68072-6	S-2 (0-1')	Soluble	Solid	DI Leach	
880-68072-7	S-2 (2')	Soluble	Solid	DI Leach	
880-68072-8	S-2 (3')	Soluble	Solid	DI Leach	
880-68072-9	S-2 (4')	Soluble	Solid	DI Leach	
880-68072-10	S-2 (4.5')	Soluble	Solid	DI Leach	
880-68072-11	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68072-12	S-3 (2')	Soluble	Solid	DI Leach	
880-68072-13	S-3 (3')	Soluble	Solid	DI Leach	
880-68072-14	S-3 (4')	Soluble	Solid	DI Leach	
880-68072-15	S-3 (4.5')	Soluble	Solid	DI Leach	
MB 880-131448/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131448/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-131448/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68072-1 MS	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68072-1 MSD	S-1 (0-1')	Soluble	Solid	DI Leach	
880-68072-11 MS	S-3 (0-1')	Soluble	Solid	DI Leach	
880-68072-11 MSD	S-3 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 131449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-16	S-4 (0-1')	Soluble	Solid	DI Leach	
880-68072-17	S-4 (2')	Soluble	Solid	DI Leach	
880-68072-18	S-4 (3')	Soluble	Solid	DI Leach	
880-68072-19	S-4 (4')	Soluble	Solid	DI Leach	
880-68072-20	S-4 (4.5')	Soluble	Solid	DI Leach	
880-68072-21	S-5 (0-1')	Soluble	Solid	DI Leach	
880-68072-22	S-5 (2')	Soluble	Solid	DI Leach	
880-68072-23	S-5 (3')	Soluble	Solid	DI Leach	
880-68072-24	S-5 (4')	Soluble	Solid	DI Leach	
880-68072-25	S-5 (4.5')	Soluble	Solid	DI Leach	
880-68072-26	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68072-27	S-6 (2')	Soluble	Solid	DI Leach	
880-68072-28	S-6 (3')	Soluble	Solid	DI Leach	
880-68072-29	S-6 (4')	Soluble	Solid	DI Leach	
880-68072-30	S-6 (4.5')	Soluble	Solid	DI Leach	
MB 880-131449/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-131449/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-131449/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68072-16 MS	S-4 (0-1')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68072-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 131449 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-16 MSD	S-4 (0-1')	Soluble	Solid	DI Leach	
880-68072-26 MS	S-6 (0-1')	Soluble	Solid	DI Leach	
880-68072-26 MSD	S-6 (0-1')	Soluble	Solid	DI Leach	

Analysis Batch: 131532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-1	S-1 (0-1')	Soluble	Solid	300.0	131448
880-68072-2	S-1 (2')	Soluble	Solid	300.0	131448
880-68072-3	S-1 (3')	Soluble	Solid	300.0	131448
880-68072-4	S-1 (4')	Soluble	Solid	300.0	131448
880-68072-5	S-1 (4.5')	Soluble	Solid	300.0	131448
880-68072-6	S-2 (0-1')	Soluble	Solid	300.0	131448
880-68072-7	S-2 (2')	Soluble	Solid	300.0	131448
880-68072-8	S-2 (3')	Soluble	Solid	300.0	131448
880-68072-9	S-2 (4')	Soluble	Solid	300.0	131448
880-68072-10	S-2 (4.5')	Soluble	Solid	300.0	131448
880-68072-11	S-3 (0-1')	Soluble	Solid	300.0	131448
880-68072-12	S-3 (2')	Soluble	Solid	300.0	131448
880-68072-13	S-3 (3')	Soluble	Solid	300.0	131448
880-68072-14	S-3 (4')	Soluble	Solid	300.0	131448
880-68072-15	S-3 (4.5')	Soluble	Solid	300.0	131448
MB 880-131448/1-A	Method Blank	Soluble	Solid	300.0	131448
LCS 880-131448/2-A	Lab Control Sample	Soluble	Solid	300.0	131448
LCSD 880-131448/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131448
880-68072-1 MS	S-1 (0-1')	Soluble	Solid	300.0	131448
880-68072-1 MSD	S-1 (0-1')	Soluble	Solid	300.0	131448
880-68072-11 MS	S-3 (0-1')	Soluble	Solid	300.0	131448
880-68072-11 MSD	S-3 (0-1')	Soluble	Solid	300.0	131448

Analysis Batch: 131533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-16	S-4 (0-1')	Soluble	Solid	300.0	131449
880-68072-17	S-4 (2')	Soluble	Solid	300.0	131449
880-68072-18	S-4 (3')	Soluble	Solid	300.0	131449
880-68072-19	S-4 (4')	Soluble	Solid	300.0	131449
880-68072-20	S-4 (4.5')	Soluble	Solid	300.0	131449
880-68072-21	S-5 (0-1')	Soluble	Solid	300.0	131449
880-68072-22	S-5 (2')	Soluble	Solid	300.0	131449
880-68072-23	S-5 (3')	Soluble	Solid	300.0	131449
880-68072-24	S-5 (4')	Soluble	Solid	300.0	131449
880-68072-25	S-5 (4.5')	Soluble	Solid	300.0	131449
880-68072-26	S-6 (0-1')	Soluble	Solid	300.0	131449
880-68072-27	S-6 (2')	Soluble	Solid	300.0	131449
880-68072-28	S-6 (3')	Soluble	Solid	300.0	131449
880-68072-29	S-6 (4')	Soluble	Solid	300.0	131449
880-68072-30	S-6 (4.5')	Soluble	Solid	300.0	131449
MB 880-131449/1-A	Method Blank	Soluble	Solid	300.0	131449
LCS 880-131449/2-A	Lab Control Sample	Soluble	Solid	300.0	131449
LCSD 880-131449/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	131449
880-68072-16 MS	S-4 (0-1')	Soluble	Solid	300.0	131449
880-68072-16 MSD	S-4 (0-1')	Soluble	Solid	300.0	131449

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68072-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 131533 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68072-26 MS	S-6 (0-1')	Soluble	Solid	300.0	131449
880-68072-26 MSD	S-6 (0-1')	Soluble	Solid	300.0	131449

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-1

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/11/26 23:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/11/26 23:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 09:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 09:10	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 21:09	CS	EET MID

Client Sample ID: S-1 (2')

Lab Sample ID: 880-68072-2

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/11/26 23:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/11/26 23:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 09:52	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 09:52	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 21:25	CS	EET MID

Client Sample ID: S-1 (3')

Lab Sample ID: 880-68072-3

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/11/26 23:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/11/26 23:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 10:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 10:06	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 21:31	CS	EET MID

Client Sample ID: S-1 (4')

Lab Sample ID: 880-68072-4

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 00:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 00:18	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-1 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131604	02/12/26 10:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 10:20	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 21:36	CS	EET MID

Client Sample ID: S-1 (4.5')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-5
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			5.05 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 00:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 00:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 10:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 10:34	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 21:41	CS	EET MID

Client Sample ID: S-2 (0-1')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-6
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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 00:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 10:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 10:47	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 21:57	CS	EET MID

Client Sample ID: S-2 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 01:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 11:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 11:02	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-2 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:03	CS	EET MID

Client Sample ID: S-2 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 01:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 11:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 11:16	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:08	CS	EET MID

Client Sample ID: S-2 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 02:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 11:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 11:29	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:13	CS	EET MID

Client Sample ID: S-2 (4.5')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 02:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 11:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 11:43	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:19	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68072-11

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 03:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 03:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 12:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 12:11	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:24	CS	EET MID

Client Sample ID: S-3 (2')

Lab Sample ID: 880-68072-12

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 04:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 04:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 12:25	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 12:25	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:40	CS	EET MID

Client Sample ID: S-3 (3')

Lab Sample ID: 880-68072-13

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 04:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 04:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 12:39	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 12:39	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 22:45	CS	EET MID

Client Sample ID: S-3 (4')

Lab Sample ID: 880-68072-14

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 08:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 08:28	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-3 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131604	02/12/26 12:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 12:53	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 23:01	CS	EET MID

Client Sample ID: S-3 (4.5')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 08:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 08:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 13:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 13:07	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131448	02/11/26 09:32	SI	EET MID
Soluble	Analysis	300.0		1			131532	02/11/26 23:07	CS	EET MID

Client Sample ID: S-4 (0-1')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-16
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	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 09:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 09:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 13:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 13:21	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 18:29	CS	EET MID

Client Sample ID: S-4 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 09:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 09:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 13:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 13:35	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-4 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-17
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			5.05 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 18:45	CS	EET MID

Client Sample ID: S-4 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 09:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 09:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 13:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 13:49	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 18:51	CS	EET MID

Client Sample ID: S-4 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 10:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 10:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 14:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 14:03	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 18:56	CS	EET MID

Client Sample ID: S-4 (4.5')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-20
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			5.05 g	5 mL	131500	02/11/26 12:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131432	02/12/26 10:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 10:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/12/26 14:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131461	02/11/26 10:04	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131573	02/12/26 14:18	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:01	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (0-1')

Lab Sample ID: 880-68072-21

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 04:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 04:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 17:48	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 17:48	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:17	CS	EET MID

Client Sample ID: S-5 (2')

Lab Sample ID: 880-68072-22

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 04:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 04:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 18:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 18:30	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:23	CS	EET MID

Client Sample ID: S-5 (3')

Lab Sample ID: 880-68072-23

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 04:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 04:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 18:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 18:44	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:28	CS	EET MID

Client Sample ID: S-5 (4')

Lab Sample ID: 880-68072-24

Date Collected: 02/10/26 00:00

Matrix: Solid

Date Received: 02/10/26 15:42

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	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 05:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 05:07	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-5 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131604	02/11/26 18:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 18:58	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:33	CS	EET MID

Client Sample ID: S-5 (4.5')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-25
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			5.05 g	5 mL	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 05:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 05:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 19:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 19:12	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:39	CS	EET MID

Client Sample ID: S-6 (0-1')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-26
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	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 05:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 19:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 19:26	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 19:44	CS	EET MID

Client Sample ID: S-6 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 06:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 19:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 19:40	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Client Sample ID: S-6 (2')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-27
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			4.99 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 20:00	CS	EET MID

Client Sample ID: S-6 (3')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-28
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			4.95 g	5 mL	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 06:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 19:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 19:53	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 20:05	CS	EET MID

Client Sample ID: S-6 (4')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 09:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 09:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 20:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 20:07	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 20:21	CS	EET MID

Client Sample ID: S-6 (4.5')
Date Collected: 02/10/26 00:00
Date Received: 02/10/26 15:42

Lab Sample ID: 880-68072-30
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			5.05 g	5 mL	131484	02/11/26 11:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131442	02/12/26 10:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131654	02/12/26 10:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			131604	02/11/26 20:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	131463	02/11/26 10:08	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131429	02/11/26 20:21	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	131449	02/11/26 09:40	SI	EET MID
Soluble	Analysis	300.0		1			131533	02/11/26 20:27	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68072-1
SDG: Lea County New Mexico

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 Unit 14

Job ID: 880-68072-1
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 Unit 14

Job ID: 880-68072-1
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 Unit 14

Job ID: 880-68072-1
 SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68072-1	S-1 (0-1')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-2	S-1 (2')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-3	S-1 (3')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-4	S-1 (4')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-5	S-1 (4.5')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-6	S-2 (0-1')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-7	S-2 (2')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-8	S-2 (3')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-9	S-2 (4')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-10	S-2 (4.5')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-11	S-3 (0-1')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-12	S-3 (2')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-13	S-3 (3')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-14	S-3 (4')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-15	S-3 (4.5')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-16	S-4 (0-1')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-17	S-4 (2')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-18	S-4 (3')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-19	S-4 (4')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-20	S-4 (4.5')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-21	S-5 (0-1')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-22	S-5 (2')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-23	S-5 (3')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-24	S-5 (4')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-25	S-5 (4.5')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-26	S-6 (0-1')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-27	S-6 (2')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-28	S-6 (3')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-29	S-6 (4')	Solid	02/10/26 00:00	02/10/26 15:42	Texas
880-68072-30	S-6 (4.5')	Solid	02/10/26 00:00	02/10/26 15:42	Texas

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Chain of Custody



880-68072 Chain of Custody

Page 1 of 3

Project Manager: Ashton Thielke	Bill to: (if different) Laci Luig
Company Name: Carmora 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: laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> JRC <input type="checkbox"/> Deepfund <input type="checkbox"/>	State of Project: <input type="checkbox"/> Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>
Reporting Level: <input type="checkbox"/> Level I <input type="checkbox"/> Level II <input type="checkbox"/> Level III <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
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
S-1 (0-1')	2/10/2026		X		G	1	X	X	X	None: NO DI Water: H ₂ O
S-1 (2')	2/10/2026		X		G	1	X	X	X	Cool: Cool MeOH: Me
S-1 (3')	2/10/2026		X		G	1	X	X	X	HCL: HC HNO ₃ : HN
S-1 (4')	2/10/2026		X		G	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
S-1 (4.5')	2/10/2026		X		G	1	X	X	X	H ₃ PO ₄ : HP Hold
S-2 (0-1')	2/10/2026		X		G	1	X	X	X	NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃
S-2 (2')	2/10/2026		X		G	1	X	X	X	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: S-APC
S-2 (3')	2/10/2026		X		G	1	X	X	X	
S-2 (4')	2/10/2026		X		G	1	X	X	X	
S-2 (4.5')	2/10/2026		X		G	1	X	X	X	

Comments:

Relinquished by: (Signature) *[Signature]* Date/Time: 2/10/26 15:42

Received by: (Signature) *[Signature]* Date/Time: 2/10/26 15:42

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Chain of Custody

Work Order No: _____

Page 2 of 3

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

Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RRC <input type="checkbox"/> perfund <input type="checkbox"/> State of Project: _____ Reporting Level: <input type="checkbox"/> 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: _____ Preservative Codes: _____
---	---

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
S-3 (0-1')	2/10/2026		X		G	1	X	X	X	
S-3 (2')	2/10/2026		X		G	1	X	X	X	
S-3 (3')	2/10/2026		X		G	1	X	X	X	
S-3 (4')	2/10/2026		X		G	1	X	X	X	
S-3 (4.5')	2/10/2026		X		G	1	X	X	X	
S-4 (0-1')	2/10/2026		X		G	1	X	X	X	
S-4 (2')	2/10/2026		X		G	1	X	X	X	
S-4 (3')	2/10/2026		X		G	1	X	X	X	
S-4 (4')	2/10/2026		X		G	1	X	X	X	
S-4 (4.5')	2/10/2026		X		G	1	X	X	X	

Comments:

Relinquished by: (Signature) _____ Date/Time: 2/10/26 1542

Received by: (Signature) _____ Date/Time: 2/10/26 1542

Project Name: Lea Unit 14 Turn Around
 Project Number: 3141
 Project Location: Lea County, New Mexico
 Sampler's Name: JR
 PO #: _____
 Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: _____



Chain of Custody

Work Order No: _____

Page 3 of 3

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

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

Project Name:	Lea Unit 14	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	3141	Due Date:	72 Hours		
Project Location:	Lea County, New Mexico				
Sampler's Name:	JFR				
PO #:					
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Received In tact:	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Cooler Custody Seals:	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Sample Custody Seals:	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Total Containers:	Corrected Temperature:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
S-5 (0-1')	2/10/2026		X		G	1	BTEX 8021B		None: NO	
S-5 (2')	2/10/2026		X		G	1	TPH 8015M (GRO + DRO + MRO)		Cool: Cool	
S-5 (3')	2/10/2026		X		G	1	Chloride 300.0		HCl: HC	
S-5 (4')	2/10/2026		X		G	1			H ₂ SO ₄ : H ₂	
S-5 (4.5')	2/10/2026		X		G	1			H ₃ PO ₄ : HP	
S-6 (0-1')	2/10/2026		X		G	1			NaHSO ₄ : NABIS	
S-6 (2')	2/10/2026		X		G	1			Na ₂ S ₂ O ₃ : NaSO ₃	
S-6 (3')	2/10/2026		X		G	1			Zn Acetate+/NaOH: Zn	
S-6 (4')	2/10/2026		X		G	1			NaOH+Ascorbic Acid: SAPC	
S-6 (4.5')	2/10/2026		X		G	1				

Comments:

Relinquished by: (Signature)

Date/Time 2/10/26 1542

Received by: (Signature)

Date/Time 2/10/24/1542

Date/Time 2/10/24/1542

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68072-1
SDG Number: Lea County New Mexico

Login Number: 68072
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: Ashton Thielke
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701
 Generated 3/2/2026 1:47:59 PM

JOB DESCRIPTION

Lea Unit 14
 Lea County New Mexico

JOB NUMBER

880-68589-1

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
3/2/2026 1:47:59 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 Unit 14

Laboratory Job ID: 880-68589-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
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.
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 Unit 14

Job ID: 880-68589-1

Job ID: 880-68589-1

Eurofins Midland

Job Narrative 880-68589-1

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 2/19/2026 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.7°C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132882 and analytical batch 880-133050 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-132882 and analytical batch 880-133050 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-7 (0-1') (880-68589-1), S-7 (4') (880-68589-4) and S-7 (4.5') (880-68589-5). 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: S-8 (0-1') (880-68589-6), S-9 (0-1') (880-68589-11), S-9 (2') (880-68589-12), S-9 (3') (880-68589-13) and S-9 (4') (880-68589-14). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-132466 and analytical batch 880-133183 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 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-132466/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-132426/1-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-68589-1

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 12:07	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		02/24/26 15:53	02/26/26 12:07	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		02/24/26 15:53	02/26/26 12:07	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		02/24/26 15:53	02/26/26 12:07	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		02/24/26 15:53	02/26/26 12:07	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		02/24/26 15:53	02/26/26 12:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	334	S1+	70 - 130	02/24/26 15:53	02/26/26 12:07	1
1,4-Difluorobenzene (Surr)	85		70 - 130	02/24/26 15:53	02/26/26 12:07	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			02/26/26 12:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/28/26 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	02/19/26 17:21	02/28/26 15:58	1
o-Terphenyl (Surr)	113		70 - 130	02/19/26 17:21	02/28/26 15:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/23/26 18:27	1

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68589-2

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 12:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 12:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 12:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/24/26 15:53	02/26/26 12:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 12:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/24/26 15:53	02/26/26 12:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/24/26 15:53	02/26/26 12:27	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/24/26 15:53	02/26/26 12:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68589-2

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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			02/26/26 12:27	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			02/28/26 16:44	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		02/19/26 17:21	02/28/26 16:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 16:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				02/19/26 17:21	02/28/26 16:44	1
o-Terphenyl (Surr)	118		70 - 130				02/19/26 17:21	02/28/26 16:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		9.94		mg/Kg			02/23/26 18:33	1

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68589-3

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 12:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		02/24/26 15:53	02/26/26 12:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		02/24/26 15:53	02/26/26 12:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		02/24/26 15:53	02/26/26 12:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		02/24/26 15:53	02/26/26 12:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		02/24/26 15:53	02/26/26 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				02/24/26 15:53	02/26/26 12:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130				02/24/26 15:53	02/26/26 12:47	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			02/26/26 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			02/28/26 16:59	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	<50.1	U	50.1		mg/Kg		02/19/26 17:21	02/28/26 16:59	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/19/26 17:21	02/28/26 16:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68589-3

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/19/26 17:21	02/28/26 16:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				02/19/26 17:21	02/28/26 16:59	1
o-Terphenyl (Surr)	112		70 - 130				02/19/26 17:21	02/28/26 16:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.6		9.96		mg/Kg			02/23/26 18:38	1

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68589-4

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 13:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 13:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 13:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/26 15:53	02/26/26 13:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 13:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/26 15:53	02/26/26 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				02/24/26 15:53	02/26/26 13:08	1
1,4-Difluorobenzene (Surr)	117		70 - 130				02/24/26 15:53	02/26/26 13:08	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			02/26/26 13:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/28/26 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		02/20/26 09:52	02/28/26 00:30	1
Diesel Range Organics (Over C10-C28)	<50.2	U F1	50.2		mg/Kg		02/20/26 09:52	02/28/26 00:30	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		02/20/26 09:52	02/28/26 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				02/20/26 09:52	02/28/26 00:30	1
o-Terphenyl (Surr)	98		70 - 130				02/20/26 09:52	02/28/26 00:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	34.3		9.96		mg/Kg			02/23/26 18:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-7 (4.5')

Lab Sample ID: 880-68589-5

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 13:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/24/26 15:53	02/26/26 13:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/24/26 15:53	02/26/26 13:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/24/26 15:53	02/26/26 13:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/24/26 15:53	02/26/26 13:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/24/26 15:53	02/26/26 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	02/24/26 15:53	02/26/26 13:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/24/26 15:53	02/26/26 13:28	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			02/26/26 13:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/28/26 01:11	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	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 01:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 01:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	02/20/26 09:52	02/28/26 01:11	1
o-Terphenyl (Surr)	97		70 - 130	02/20/26 09:52	02/28/26 01:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.3		9.94		mg/Kg			02/23/26 18:50	1

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-68589-6

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 17:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 17:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 17:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/26 15:53	02/26/26 17:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 17:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/26 15:53	02/26/26 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	02/24/26 15:53	02/26/26 17:01	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/24/26 15:53	02/26/26 17:01	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-68589-6

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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			02/26/26 17:01	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			02/28/26 01:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/28/26 01:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/28/26 01:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/28/26 01:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130				02/20/26 09:52	02/28/26 01:25	1
o-Terphenyl (Surr)	100		70 - 130				02/20/26 09:52	02/28/26 01:25	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			02/23/26 18:55	1

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68589-7

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 17:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 17:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 17:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/24/26 15:53	02/26/26 17:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 17:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/24/26 15:53	02/26/26 17:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				02/24/26 15:53	02/26/26 17:22	1
1,4-Difluorobenzene (Surr)	119		70 - 130				02/24/26 15:53	02/26/26 17:22	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			02/26/26 17:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			02/28/26 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		02/20/26 09:52	02/28/26 01:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		02/20/26 09:52	02/28/26 01:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68589-7

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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)	<50.2	U	50.2		mg/Kg		02/20/26 09:52	02/28/26 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				02/20/26 09:52	02/28/26 01:39	1
o-Terphenyl (Surr)	96		70 - 130				02/20/26 09:52	02/28/26 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.5		9.96		mg/Kg			02/24/26 03:04	1

Client Sample ID: S-8 (3')

Lab Sample ID: 880-68589-8

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 17:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 17:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 17:42	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/24/26 15:53	02/26/26 17:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 17:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/24/26 15:53	02/26/26 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				02/24/26 15:53	02/26/26 17:42	1
1,4-Difluorobenzene (Surr)	110		70 - 130				02/24/26 15:53	02/26/26 17:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/26/26 17:42	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			02/28/26 01:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		02/20/26 09:52	02/28/26 01:53	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		02/20/26 09:52	02/28/26 01:53	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		02/20/26 09:52	02/28/26 01:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				02/20/26 09:52	02/28/26 01:53	1
o-Terphenyl (Surr)	95		70 - 130				02/20/26 09:52	02/28/26 01:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.0		9.96		mg/Kg			02/24/26 03:24	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-8 (4')

Lab Sample ID: 880-68589-9

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 18:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 18:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 18:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/26 15:53	02/26/26 18:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 18:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/26 15:53	02/26/26 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	02/24/26 15:53	02/26/26 18:02	1
1,4-Difluorobenzene (Surr)	106		70 - 130	02/24/26 15:53	02/26/26 18:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			02/28/26 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	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 02:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 02:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	02/20/26 09:52	02/28/26 02:07	1
o-Terphenyl (Surr)	103		70 - 130	02/20/26 09:52	02/28/26 02:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.1		9.92		mg/Kg			02/24/26 03:31	1

Client Sample ID: S-8 (4.5')

Lab Sample ID: 880-68589-10

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 18:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 18:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 18:23	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		02/24/26 15:53	02/26/26 18:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 18:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		02/24/26 15:53	02/26/26 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	02/24/26 15:53	02/26/26 18:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	02/24/26 15:53	02/26/26 18:23	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-8 (4.5')

Lab Sample ID: 880-68589-10

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			02/26/26 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/28/26 02:21	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		02/20/26 09:52	02/28/26 02:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/28/26 02:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/28/26 02:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				02/20/26 09:52	02/28/26 02:21	1
o-Terphenyl (Surr)	91		70 - 130				02/20/26 09:52	02/28/26 02:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.5		10.0		mg/Kg			02/24/26 03:37	1

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68589-11

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 18:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 18:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 18:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		02/24/26 15:53	02/26/26 18:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 18:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		02/24/26 15:53	02/26/26 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				02/24/26 15:53	02/26/26 18:43	1
1,4-Difluorobenzene (Surr)	107		70 - 130				02/24/26 15:53	02/26/26 18:43	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			02/26/26 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			02/28/26 02:36	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	<49.8	U	49.8		mg/Kg		02/20/26 09:52	02/28/26 02:36	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/20/26 09:52	02/28/26 02:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68589-11

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/20/26 09:52	02/28/26 02:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				02/20/26 09:52	02/28/26 02:36	1
o-Terphenyl (Surr)	97		70 - 130				02/20/26 09:52	02/28/26 02:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			02/24/26 03:44	1

Client Sample ID: S-9 (2')

Lab Sample ID: 880-68589-12

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 19:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 19:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 19:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		02/24/26 15:53	02/26/26 19:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		02/24/26 15:53	02/26/26 19:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		02/24/26 15:53	02/26/26 19:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130				02/24/26 15:53	02/26/26 19:04	1
1,4-Difluorobenzene (Surr)	99		70 - 130				02/24/26 15:53	02/26/26 19:04	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			02/26/26 19:04	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			02/28/26 02:50	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	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/20/26 09:52	02/28/26 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				02/20/26 09:52	02/28/26 02:50	1
o-Terphenyl (Surr)	97		70 - 130				02/20/26 09:52	02/28/26 02:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.7		9.94		mg/Kg			02/24/26 04:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-9 (3')

Lab Sample ID: 880-68589-13

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 19:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		02/24/26 15:53	02/26/26 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		02/24/26 15:53	02/26/26 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		02/24/26 15:53	02/26/26 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	384	S1+	70 - 130	02/24/26 15:53	02/26/26 19:24	1
1,4-Difluorobenzene (Surr)	125		70 - 130	02/24/26 15:53	02/26/26 19:24	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			02/26/26 19:24	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			02/28/26 03:05	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		02/20/26 09:52	02/28/26 03:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/20/26 09:52	02/28/26 03:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/20/26 09:52	02/28/26 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	02/20/26 09:52	02/28/26 03:05	1
o-Terphenyl (Surr)	98		70 - 130	02/20/26 09:52	02/28/26 03:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		9.92		mg/Kg			02/24/26 04:11	1

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68589-14

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 19:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		02/24/26 15:53	02/26/26 19:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		02/24/26 15:53	02/26/26 19:45	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		02/24/26 15:53	02/26/26 19:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		02/24/26 15:53	02/26/26 19:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		02/24/26 15:53	02/26/26 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	02/24/26 15:53	02/26/26 19:45	1
1,4-Difluorobenzene (Surr)	72		70 - 130	02/24/26 15:53	02/26/26 19:45	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68589-14

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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			02/26/26 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			02/28/26 03:35	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		02/27/26 09:52	02/28/26 03:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/27/26 09:52	02/28/26 03:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/27/26 09:52	02/28/26 03:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				02/27/26 09:52	02/28/26 03:35	1
o-Terphenyl (Surr)	102		70 - 130				02/27/26 09:52	02/28/26 03:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		9.98		mg/Kg			02/24/26 04:18	1

Client Sample ID: S-9 (4.5')

Lab Sample ID: 880-68589-15

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/24/26 15:53	02/26/26 20:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 20:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 20:05	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/26 15:53	02/26/26 20:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 20:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/26 15:53	02/26/26 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				02/24/26 15:53	02/26/26 20:05	1
1,4-Difluorobenzene (Surr)	87		70 - 130				02/24/26 15:53	02/26/26 20:05	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			02/26/26 20:05	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			02/28/26 03:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/27/26 09:52	02/28/26 03:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/27/26 09:52	02/28/26 03:48	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-9 (4.5')

Lab Sample ID: 880-68589-15

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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		02/27/26 09:52	02/28/26 03:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				02/27/26 09:52	02/28/26 03:48	1
o-Terphenyl (Surr)	98		70 - 130				02/27/26 09:52	02/28/26 03:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.8		10.0		mg/Kg			02/24/26 04:24	1

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

Surrogate Summary

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 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)
880-68589-1	S-7 (0-1')	334 S1+	85
880-68589-1 MS	S-7 (0-1')	220 S1+	43 S1-
880-68589-1 MSD	S-7 (0-1')	255 S1+	72
880-68589-2	S-7 (2')	109	106
880-68589-3	S-7 (3')	116	101
880-68589-4	S-7 (4')	137 S1+	117
880-68589-5	S-7 (4.5')	133 S1+	99
880-68589-6	S-8 (0-1')	160 S1+	83
880-68589-7	S-8 (2')	130	119
880-68589-8	S-8 (3')	129	110
880-68589-9	S-8 (4')	124	106
880-68589-10	S-8 (4.5')	111	94
880-68589-11	S-9 (0-1')	134 S1+	107
880-68589-12	S-9 (2')	159 S1+	99
880-68589-13	S-9 (3')	384 S1+	125
880-68589-14	S-9 (4')	86	72
880-68589-15	S-9 (4.5')	105	87
LCS 880-132882/1-A	Lab Control Sample	119	101
LCSD 880-132882/2-A	Lab Control Sample Dup	115	97
MB 880-132882/5-A	Method Blank	216 S1+	109

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)
880-68589-1	S-7 (0-1')	110	113
880-68589-1 MS	S-7 (0-1')	123	125
880-68589-1 MSD	S-7 (0-1')	124	130
880-68589-2	S-7 (2')	117	118
880-68589-3	S-7 (3')	111	112
880-68589-4	S-7 (4')	90	98
880-68589-4 MS	S-7 (4')	99	91
880-68589-4 MSD	S-7 (4')	99	91
880-68589-5	S-7 (4.5')	92	97
880-68589-6	S-8 (0-1')	95	100
880-68589-7	S-8 (2')	91	96
880-68589-8	S-8 (3')	90	95
880-68589-9	S-8 (4')	96	103
880-68589-10	S-8 (4.5')	87	91
880-68589-11	S-9 (0-1')	92	97
880-68589-12	S-9 (2')	91	97
880-68589-13	S-9 (3')	92	98
880-68589-14	S-9 (4')	91	102
880-68589-15	S-9 (4.5')	89	98

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Surrogate Summary

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCS 880-132426/2-A	Lab Control Sample	116	92
LCS 880-132466/2-A	Lab Control Sample	112	102
LCS 880-132426/3-A	Lab Control Sample Dup	116	95
LCS 880-132466/3-A	Lab Control Sample Dup	110	100
MB 880-132426/1-A	Method Blank	179 S1+	180 S1+
MB 880-132466/1-A	Method Blank	122	131 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-132882/5-A
 Matrix: Solid
 Analysis Batch: 133050

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 132882

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		02/24/26 15:53	02/26/26 11:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		02/24/26 15:53	02/26/26 11:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	216	S1+	70 - 130	02/24/26 15:53	02/26/26 11:38	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/24/26 15:53	02/26/26 11:38	1

Lab Sample ID: LCS 880-132882/1-A
 Matrix: Solid
 Analysis Batch: 133050

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 132882

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1129		mg/Kg		113	70 - 130
Toluene	0.100	0.1038		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1065		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2311		mg/Kg		116	70 - 130
o-Xylene	0.100	0.1298		mg/Kg		130	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-132882/2-A
 Matrix: Solid
 Analysis Batch: 133050

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 132882

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1079		mg/Kg		108	70 - 130	4	35
Toluene	0.100	0.1012		mg/Kg		101	70 - 130	2	35
Ethylbenzene	0.100	0.1077		mg/Kg		108	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2476		mg/Kg		124	70 - 130	7	35
o-Xylene	0.100	0.1216		mg/Kg		122	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-68589-1 MS
 Matrix: Solid
 Analysis Batch: 133050

Client Sample ID: S-7 (0-1')
 Prep Type: Total/NA
 Prep Batch: 132882

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09553		mg/Kg		96	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.04179	F1	mg/Kg		42	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-68589-1 MS

Client Sample ID: S-7 (0-1')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133050

Prep Batch: 132882

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.09681		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.3693	F1	mg/Kg		185	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.2082	F1	mg/Kg		208	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	220	S1+	70 - 130
1,4-Difluorobenzene (Surr)	43	S1-	70 - 130

Lab Sample ID: 880-68589-1 MSD

Client Sample ID: S-7 (0-1')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133050

Prep Batch: 132882

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08057		mg/Kg		81	70 - 130	17	35
Toluene	<0.00200	U F1 F2	0.100	0.07507	F2	mg/Kg		75	70 - 130	57	35
Ethylbenzene	<0.00200	U F1	0.100	0.1328	F1	mg/Kg		131	70 - 130	31	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.4094	F1	mg/Kg		205	70 - 130	10	35
o-Xylene	<0.00200	U F1	0.100	0.2954	F1	mg/Kg		295	70 - 130	35	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	255	S1+	70 - 130
1,4-Difluorobenzene (Surr)	72		70 - 130

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

Lab Sample ID: MB 880-132426/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133324

Prep Batch: 132426

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		02/19/26 17:21	02/28/26 11:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 11:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/19/26 17:21	02/28/26 11:48	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	179	S1+	70 - 130	02/19/26 17:21	02/28/26 11:48	1
o-Terphenyl (Surr)	180	S1+	70 - 130	02/19/26 17:21	02/28/26 11:48	1

Lab Sample ID: LCS 880-132426/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 133324

Prep Batch: 132426

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1096		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	1000	852.7		mg/Kg		85	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-132426/2-A
Matrix: Solid
Analysis Batch: 133324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132426

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-132426/3-A
Matrix: Solid
Analysis Batch: 133324

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132426

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1092		mg/Kg		109	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	864.8		mg/Kg		86	70 - 130	1		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: 880-68589-1 MS
Matrix: Solid
Analysis Batch: 133324

Client Sample ID: S-7 (0-1')
Prep Type: Total/NA
Prep Batch: 132426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1219		mg/Kg		122	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1014		mg/Kg		102	70 - 130			

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	123		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: 880-68589-1 MSD
Matrix: Solid
Analysis Batch: 133324

Client Sample ID: S-7 (0-1')
Prep Type: Total/NA
Prep Batch: 132426

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1215		mg/Kg		122	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1031		mg/Kg		103	70 - 130	2		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	130		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-132466/1-A
Matrix: Solid
Analysis Batch: 133183

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 132466

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		02/20/26 09:52	02/27/26 23:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/27/26 23:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/20/26 09:52	02/27/26 23:46	1
Surrogate	MB MB		Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	122		70 - 130			02/20/26 09:52	02/27/26 23:46	1	
o-Terphenyl (Surr)	131	S1+	70 - 130			02/20/26 09:52	02/27/26 23:46	1	

Lab Sample ID: LCS 880-132466/2-A
Matrix: Solid
Analysis Batch: 133183

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 132466

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
								Gasoline Range Organics (GRO)-C6-C10
Diesel Range Organics (Over C10-C28)	1000	894.1		mg/Kg		89	70 - 130	
Surrogate	LCS LCS		Limits			Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier						
1-Chlorooctane (Surr)	112		70 - 130			02/20/26 09:52	02/27/26 23:46	1
o-Terphenyl (Surr)	102		70 - 130			02/20/26 09:52	02/27/26 23:46	1

Lab Sample ID: LCSD 880-132466/3-A
Matrix: Solid
Analysis Batch: 133183

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 132466

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1204		mg/Kg		120	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	864.2		mg/Kg		86	70 - 130	3	20
Surrogate	LCSD LCSD		Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	110		70 - 130			02/20/26 09:52	02/27/26 23:46	1	
o-Terphenyl (Surr)	100		70 - 130			02/20/26 09:52	02/27/26 23:46	1	

Lab Sample ID: 880-68589-4 MS
Matrix: Solid
Analysis Batch: 133183

Client Sample ID: S-7 (4')
Prep Type: Total/NA
Prep Batch: 132466

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<50.2	U F1	996	689.6	F1	mg/Kg		69	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-68589-4 MS
Matrix: Solid
Analysis Batch: 133183

Client Sample ID: S-7 (4')
Prep Type: Total/NA
Prep Batch: 132466

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 880-68589-4 MSD
Matrix: Solid
Analysis Batch: 133183

Client Sample ID: S-7 (4')
Prep Type: Total/NA
Prep Batch: 132466

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	996	932.1		mg/Kg		94	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.2	U F1	996	697.5		mg/Kg		70	70 - 130	1	20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-132578/1-A
Matrix: Solid
Analysis Batch: 132655

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			02/23/26 16:06	1

Lab Sample ID: LCS 880-132578/2-A
Matrix: Solid
Analysis Batch: 132655

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				Limits
Chloride	250	234.1		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-132578/3-A
Matrix: Solid
Analysis Batch: 132655

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Chloride	250	236.6		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-68585-A-1-F MS
Matrix: Solid
Analysis Batch: 132655

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier	Added	Result	Qualifier				Limits
Chloride	35.8		252	269.9		mg/Kg		93	90 - 110

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QC Sample Results

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-68585-A-1-G MSD
Matrix: Solid
Analysis Batch: 132655

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	35.8		252	270.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-132579/1-A
Matrix: Solid
Analysis Batch: 132695

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			02/24/26 02:44	1

Lab Sample ID: LCS 880-132579/2-A
Matrix: Solid
Analysis Batch: 132695

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.3		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-132579/3-A
Matrix: Solid
Analysis Batch: 132695

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	255.9		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-68589-7 MS
Matrix: Solid
Analysis Batch: 132695

Client Sample ID: S-8 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	12.5		249	261.3		mg/Kg		100	90 - 110

Lab Sample ID: 880-68589-7 MSD
Matrix: Solid
Analysis Batch: 132695

Client Sample ID: S-8 (2')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	12.5		249	260.4		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 132882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Total/NA	Solid	5035	
880-68589-2	S-7 (2')	Total/NA	Solid	5035	
880-68589-3	S-7 (3')	Total/NA	Solid	5035	
880-68589-4	S-7 (4')	Total/NA	Solid	5035	
880-68589-5	S-7 (4.5')	Total/NA	Solid	5035	
880-68589-6	S-8 (0-1')	Total/NA	Solid	5035	
880-68589-7	S-8 (2')	Total/NA	Solid	5035	
880-68589-8	S-8 (3')	Total/NA	Solid	5035	
880-68589-9	S-8 (4')	Total/NA	Solid	5035	
880-68589-10	S-8 (4.5')	Total/NA	Solid	5035	
880-68589-11	S-9 (0-1')	Total/NA	Solid	5035	
880-68589-12	S-9 (2')	Total/NA	Solid	5035	
880-68589-13	S-9 (3')	Total/NA	Solid	5035	
880-68589-14	S-9 (4')	Total/NA	Solid	5035	
880-68589-15	S-9 (4.5')	Total/NA	Solid	5035	
MB 880-132882/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-132882/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS D 880-132882/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-68589-1 MS	S-7 (0-1')	Total/NA	Solid	5035	
880-68589-1 MSD	S-7 (0-1')	Total/NA	Solid	5035	

Analysis Batch: 133050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Total/NA	Solid	8021B	132882
880-68589-2	S-7 (2')	Total/NA	Solid	8021B	132882
880-68589-3	S-7 (3')	Total/NA	Solid	8021B	132882
880-68589-4	S-7 (4')	Total/NA	Solid	8021B	132882
880-68589-5	S-7 (4.5')	Total/NA	Solid	8021B	132882
880-68589-6	S-8 (0-1')	Total/NA	Solid	8021B	132882
880-68589-7	S-8 (2')	Total/NA	Solid	8021B	132882
880-68589-8	S-8 (3')	Total/NA	Solid	8021B	132882
880-68589-9	S-8 (4')	Total/NA	Solid	8021B	132882
880-68589-10	S-8 (4.5')	Total/NA	Solid	8021B	132882
880-68589-11	S-9 (0-1')	Total/NA	Solid	8021B	132882
880-68589-12	S-9 (2')	Total/NA	Solid	8021B	132882
880-68589-13	S-9 (3')	Total/NA	Solid	8021B	132882
880-68589-14	S-9 (4')	Total/NA	Solid	8021B	132882
880-68589-15	S-9 (4.5')	Total/NA	Solid	8021B	132882
MB 880-132882/5-A	Method Blank	Total/NA	Solid	8021B	132882
LCS 880-132882/1-A	Lab Control Sample	Total/NA	Solid	8021B	132882
LCS D 880-132882/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	132882
880-68589-1 MS	S-7 (0-1')	Total/NA	Solid	8021B	132882
880-68589-1 MSD	S-7 (0-1')	Total/NA	Solid	8021B	132882

Analysis Batch: 133146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Total/NA	Solid	Total BTEX	
880-68589-2	S-7 (2')	Total/NA	Solid	Total BTEX	
880-68589-3	S-7 (3')	Total/NA	Solid	Total BTEX	
880-68589-4	S-7 (4')	Total/NA	Solid	Total BTEX	
880-68589-5	S-7 (4.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 133146 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-6	S-8 (0-1')	Total/NA	Solid	Total BTEX	
880-68589-7	S-8 (2')	Total/NA	Solid	Total BTEX	
880-68589-8	S-8 (3')	Total/NA	Solid	Total BTEX	
880-68589-9	S-8 (4')	Total/NA	Solid	Total BTEX	
880-68589-10	S-8 (4.5')	Total/NA	Solid	Total BTEX	
880-68589-11	S-9 (0-1')	Total/NA	Solid	Total BTEX	
880-68589-12	S-9 (2')	Total/NA	Solid	Total BTEX	
880-68589-13	S-9 (3')	Total/NA	Solid	Total BTEX	
880-68589-14	S-9 (4')	Total/NA	Solid	Total BTEX	
880-68589-15	S-9 (4.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 132426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-68589-2	S-7 (2')	Total/NA	Solid	8015NM Prep	
880-68589-3	S-7 (3')	Total/NA	Solid	8015NM Prep	
MB 880-132426/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132426/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132426/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68589-1 MS	S-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-68589-1 MSD	S-7 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 132466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-4	S-7 (4')	Total/NA	Solid	8015NM Prep	
880-68589-5	S-7 (4.5')	Total/NA	Solid	8015NM Prep	
880-68589-6	S-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-68589-7	S-8 (2')	Total/NA	Solid	8015NM Prep	
880-68589-8	S-8 (3')	Total/NA	Solid	8015NM Prep	
880-68589-9	S-8 (4')	Total/NA	Solid	8015NM Prep	
880-68589-10	S-8 (4.5')	Total/NA	Solid	8015NM Prep	
880-68589-11	S-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-68589-12	S-9 (2')	Total/NA	Solid	8015NM Prep	
880-68589-13	S-9 (3')	Total/NA	Solid	8015NM Prep	
880-68589-14	S-9 (4')	Total/NA	Solid	8015NM Prep	
880-68589-15	S-9 (4.5')	Total/NA	Solid	8015NM Prep	
MB 880-132466/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-132466/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-132466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-68589-4 MS	S-7 (4')	Total/NA	Solid	8015NM Prep	
880-68589-4 MSD	S-7 (4')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 133183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-4	S-7 (4')	Total/NA	Solid	8015B NM	132466
880-68589-5	S-7 (4.5')	Total/NA	Solid	8015B NM	132466
880-68589-6	S-8 (0-1')	Total/NA	Solid	8015B NM	132466
880-68589-7	S-8 (2')	Total/NA	Solid	8015B NM	132466
880-68589-8	S-8 (3')	Total/NA	Solid	8015B NM	132466

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QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68589-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 133183 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-9	S-8 (4')	Total/NA	Solid	8015B NM	132466
880-68589-10	S-8 (4.5')	Total/NA	Solid	8015B NM	132466
880-68589-11	S-9 (0-1')	Total/NA	Solid	8015B NM	132466
880-68589-12	S-9 (2')	Total/NA	Solid	8015B NM	132466
880-68589-13	S-9 (3')	Total/NA	Solid	8015B NM	132466
880-68589-14	S-9 (4')	Total/NA	Solid	8015B NM	132466
880-68589-15	S-9 (4.5')	Total/NA	Solid	8015B NM	132466
MB 880-132466/1-A	Method Blank	Total/NA	Solid	8015B NM	132466
LCS 880-132466/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132466
LCSD 880-132466/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132466
880-68589-4 MS	S-7 (4')	Total/NA	Solid	8015B NM	132466
880-68589-4 MSD	S-7 (4')	Total/NA	Solid	8015B NM	132466

Analysis Batch: 133324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Total/NA	Solid	8015B NM	132426
880-68589-2	S-7 (2')	Total/NA	Solid	8015B NM	132426
880-68589-3	S-7 (3')	Total/NA	Solid	8015B NM	132426
MB 880-132426/1-A	Method Blank	Total/NA	Solid	8015B NM	132426
LCS 880-132426/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	132426
LCSD 880-132426/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	132426
880-68589-1 MS	S-7 (0-1')	Total/NA	Solid	8015B NM	132426
880-68589-1 MSD	S-7 (0-1')	Total/NA	Solid	8015B NM	132426

Analysis Batch: 133346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Total/NA	Solid	8015 NM	
880-68589-2	S-7 (2')	Total/NA	Solid	8015 NM	
880-68589-3	S-7 (3')	Total/NA	Solid	8015 NM	
880-68589-4	S-7 (4')	Total/NA	Solid	8015 NM	
880-68589-5	S-7 (4.5')	Total/NA	Solid	8015 NM	
880-68589-6	S-8 (0-1')	Total/NA	Solid	8015 NM	
880-68589-7	S-8 (2')	Total/NA	Solid	8015 NM	
880-68589-8	S-8 (3')	Total/NA	Solid	8015 NM	
880-68589-9	S-8 (4')	Total/NA	Solid	8015 NM	
880-68589-10	S-8 (4.5')	Total/NA	Solid	8015 NM	
880-68589-11	S-9 (0-1')	Total/NA	Solid	8015 NM	
880-68589-12	S-9 (2')	Total/NA	Solid	8015 NM	
880-68589-13	S-9 (3')	Total/NA	Solid	8015 NM	
880-68589-14	S-9 (4')	Total/NA	Solid	8015 NM	
880-68589-15	S-9 (4.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 132578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Soluble	Solid	DI Leach	
880-68589-2	S-7 (2')	Soluble	Solid	DI Leach	
880-68589-3	S-7 (3')	Soluble	Solid	DI Leach	
880-68589-4	S-7 (4')	Soluble	Solid	DI Leach	
880-68589-5	S-7 (4.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14Job ID: 880-68589-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 132578 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-6	S-8 (0-1')	Soluble	Solid	DI Leach	
MB 880-132578/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132578/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132578/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68585-A-1-F MS	Matrix Spike	Soluble	Solid	DI Leach	
880-68585-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 132579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-7	S-8 (2')	Soluble	Solid	DI Leach	
880-68589-8	S-8 (3')	Soluble	Solid	DI Leach	
880-68589-9	S-8 (4')	Soluble	Solid	DI Leach	
880-68589-10	S-8 (4.5')	Soluble	Solid	DI Leach	
880-68589-11	S-9 (0-1')	Soluble	Solid	DI Leach	
880-68589-12	S-9 (2')	Soluble	Solid	DI Leach	
880-68589-13	S-9 (3')	Soluble	Solid	DI Leach	
880-68589-14	S-9 (4')	Soluble	Solid	DI Leach	
880-68589-15	S-9 (4.5')	Soluble	Solid	DI Leach	
MB 880-132579/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-132579/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-132579/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-68589-7 MS	S-8 (2')	Soluble	Solid	DI Leach	
880-68589-7 MSD	S-8 (2')	Soluble	Solid	DI Leach	

Analysis Batch: 132655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-1	S-7 (0-1')	Soluble	Solid	300.0	132578
880-68589-2	S-7 (2')	Soluble	Solid	300.0	132578
880-68589-3	S-7 (3')	Soluble	Solid	300.0	132578
880-68589-4	S-7 (4')	Soluble	Solid	300.0	132578
880-68589-5	S-7 (4.5')	Soluble	Solid	300.0	132578
880-68589-6	S-8 (0-1')	Soluble	Solid	300.0	132578
MB 880-132578/1-A	Method Blank	Soluble	Solid	300.0	132578
LCS 880-132578/2-A	Lab Control Sample	Soluble	Solid	300.0	132578
LCSD 880-132578/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132578
880-68585-A-1-F MS	Matrix Spike	Soluble	Solid	300.0	132578
880-68585-A-1-G MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	132578

Analysis Batch: 132695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-68589-7	S-8 (2')	Soluble	Solid	300.0	132579
880-68589-8	S-8 (3')	Soluble	Solid	300.0	132579
880-68589-9	S-8 (4')	Soluble	Solid	300.0	132579
880-68589-10	S-8 (4.5')	Soluble	Solid	300.0	132579
880-68589-11	S-9 (0-1')	Soluble	Solid	300.0	132579
880-68589-12	S-9 (2')	Soluble	Solid	300.0	132579
880-68589-13	S-9 (3')	Soluble	Solid	300.0	132579
880-68589-14	S-9 (4')	Soluble	Solid	300.0	132579
880-68589-15	S-9 (4.5')	Soluble	Solid	300.0	132579
MB 880-132579/1-A	Method Blank	Soluble	Solid	300.0	132579
LCS 880-132579/2-A	Lab Control Sample	Soluble	Solid	300.0	132579

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Lea Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 132695 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-132579/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	132579
880-68589-7 MS	S-8 (2')	Soluble	Solid	300.0	132579
880-68589-7 MSD	S-8 (2')	Soluble	Solid	300.0	132579

- 1
- 2
- 3
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- 5
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- 11
- 12
- 13
- 14

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-7 (0-1')

Lab Sample ID: 880-68589-1

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 12:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 12:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 15:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	132426	02/19/26 17:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133324	02/28/26 15:58	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	132578	02/20/26 13:22	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	132655	02/23/26 18:27	CS	EET MID

Client Sample ID: S-7 (2')

Lab Sample ID: 880-68589-2

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 12:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 12:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 16:44	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132426	02/19/26 17:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133324	02/28/26 16:44	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132578	02/20/26 13:22	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	132655	02/23/26 18:33	CS	EET MID

Client Sample ID: S-7 (3')

Lab Sample ID: 880-68589-3

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 12:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 12:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 16:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	132426	02/19/26 17:21	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133324	02/28/26 16:59	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132578	02/20/26 13:22	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	132655	02/23/26 18:38	CS	EET MID

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68589-4

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 13:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 13:08	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-7 (4')

Lab Sample ID: 880-68589-4

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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			133346	02/28/26 00:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 00:30	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132578	02/20/26 13:22	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	132655	02/23/26 18:44	CS	EET MID

Client Sample ID: S-7 (4.5')

Lab Sample ID: 880-68589-5

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 13:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 13:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 01:11	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 01:11	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132578	02/20/26 13:22	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	132655	02/23/26 18:50	CS	EET MID

Client Sample ID: S-8 (0-1')

Lab Sample ID: 880-68589-6

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 17:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 17:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 01:25	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 01:25	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132578	02/20/26 13:22	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	132655	02/23/26 18:55	CS	EET MID

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68589-7

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 17:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 17:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 01:39	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 01:39	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-8 (2')

Lab Sample ID: 880-68589-7

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 03:04	CS	EET MID

Client Sample ID: S-8 (3')

Lab Sample ID: 880-68589-8

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 17:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 17:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 01:53	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 01:53	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 03:24	CS	EET MID

Client Sample ID: S-8 (4')

Lab Sample ID: 880-68589-9

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 18:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 18:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 02:07	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 02:07	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 03:31	CS	EET MID

Client Sample ID: S-8 (4.5')

Lab Sample ID: 880-68589-10

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 18:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 18:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 02:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 02:21	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 03:37	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-9 (0-1')

Lab Sample ID: 880-68589-11

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 18:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 02:36	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 02:36	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 03:44	CS	EET MID

Client Sample ID: S-9 (2')

Lab Sample ID: 880-68589-12

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 19:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 19:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 02:50	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 02:50	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 04:04	CS	EET MID

Client Sample ID: S-9 (3')

Lab Sample ID: 880-68589-13

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 19:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 03:05	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	132466	02/20/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 03:05	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 04:11	CS	EET MID

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68589-14

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 19:45	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Lea Unit 14

Job ID: 880-68589-1
 SDG: Lea County New Mexico

Client Sample ID: S-9 (4')

Lab Sample ID: 880-68589-14

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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			133346	02/28/26 03:35	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	132466	02/27/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 03:35	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 04:18	CS	EET MID

Client Sample ID: S-9 (4.5')

Lab Sample ID: 880-68589-15

Date Collected: 02/19/26 00:00

Matrix: Solid

Date Received: 02/19/26 17:00

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	132882	02/24/26 15:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	133050	02/26/26 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			133146	02/26/26 20:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			133346	02/28/26 03:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	132466	02/27/26 09:52	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	133183	02/28/26 03:48	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	132579	02/20/26 13:25	SA	EET MID
Soluble	Analysis	300.0		1			132695	02/24/26 04:24	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 Unit 14

Job ID: 880-68589-1
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 Unit 14

Job ID: 880-68589-1
 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 Unit 14

Job ID: 880-68589-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-68589-1	S-7 (0-1')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-2	S-7 (2')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-3	S-7 (3')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-4	S-7 (4')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-5	S-7 (4.5')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-6	S-8 (0-1')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-7	S-8 (2')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-8	S-8 (3')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-9	S-8 (4')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-10	S-8 (4.5')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-11	S-9 (0-1')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-12	S-9 (2')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-13	S-9 (3')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-14	S-9 (4')	Solid	02/19/26 00:00	02/19/26 17:00	Texas
880-68589-15	S-9 (4.5')	Solid	02/19/26 00:00	02/19/26 17:00	Texas

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Chain of Custody



880-66589 Chain of Custody

Page 1 of 2

Work Order Comments

Program: UST/PST PRP Brownfields RC perfund

State of Project: Reporting: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other:

Project Manager: Ashton Thielke **Bill to: (if different)** Laci Luig

Company Name: Carmona Resources **Company Name:** Cimarex Energy

Address: 310 W Wall St Ste 500 **Address:** 600 N Marlenfield St, Suite 600

City, State ZIP: Midland, TX 79701 **City, State ZIP:** Midland, TX 79701

Phone: 432-813-8988 **Email:** laci.luig@coterra.com & ashton.thielke@coterra.com

SAMPLE RECEIPT		Turn Around		Parameters		ANALYSIS REQUEST		Preservative Codes			
Received Intact:	Yes No	Temp Blank:	Yes No	Wet Ice:	Yes No	Grab/Comp	Water	Soil	Time	Date	Sample Identification
Cooler Custody Seals:	Yes No N/A	Thermometer ID:	Correction Factor:	Temperature Reading:	4.9						
Sample Custody Seals:	Yes No N/A	Corrected Temperature:	4.7								
Total Containers:											
S-7 (0-1')		2/19/2026	X			G 1					
S-7 (2')		2/19/2026	X			G 1					
S-7 (3')		2/19/2026	X			G 1					
S-7 (4')		2/19/2026	X			G 1					
S-7 (4.5')		2/19/2026	X			G 1					
S-8 (0-1')		2/19/2026	X			G 1					
S-8 (2')		2/19/2026	X			G 1					
S-8 (3')		2/19/2026	X			G 1					
S-8 (4')		2/19/2026	X			G 1					
S-8 (4.5')		2/19/2026	X			G 1					

Comments:

Relinquished by: (Signature) *[Signature]* **Date/Time** 2/19/2026 5:00

Received by: (Signature) *[Signature]* **Date/Time** 2/19/2026 17:00



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-68589-1
SDG Number: Lea County New Mexico

Login Number: 68589

List Number: 1

Creator: Kramer, Jessica

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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Sante Fe Main Office
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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 565482

QUESTIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Prerequisites	
Incident ID (n#)	nDHR1913441028
Incident Name	NDHR1913441028 LEA UNIT #014 @ 30-025-30138
Incident Type	Release Other
Incident Status	Re-vegetation Report Received
Incident Well	[30-025-30138] LEA UNIT #014

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	LEA UNIT #014
Date Release Discovered	04/29/2019
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Release Other
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: Equipment Failure Flow Line - Production Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 107 BBL Recovered: 15 BBL Lost: 92 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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: 03/23/2026
--	--

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QUESTIONS, Page 3

Action 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

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	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	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)	433
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/12/2021
On what date will (or did) the final sampling or liner inspection occur	02/19/2026
On what date will (or was) the remediation complete(d)	03/12/2021
What is the estimated surface area (in square feet) that will be reclaimed	65000
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	0
What is the estimated volume (in cubic yards) that will be remediated	0

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 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

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.)	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)	Yes

Other Non-listed Remedial Process. Please specify

This release incident was acquired by Coterra during the 2025 acquisition of Avant Operating, LLC, years after the location was P/A'd. An unknown volume of material was removed from the location. According to NMOCD records, the well was plugged on 03.12.2021. The assumption is that sometime during the plugging of the well, the release incident was remediated and the entire area was reclaimed and reseeded. No evidence of contamination was found in the soil during the multiple site visits. Exceptional vegetation regrowth onsite highlights the successful reclamation and reseeding of the site.

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: 03/23/2026

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 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

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 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	553747
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/19/2026
What was the (estimated) number of samples that were to be gathered	3
What was the sampling surface area in square feet	200

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	0
What was the total volume (cubic yards) remediated	0
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	65000
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	This release incident was acquired by Coterra during the 2025 acquisition of Avant Operating, LLC, years after the location was P/A'd. An unknown volume of material was removed from the location. According to NMOCD records, the well was plugged on 03.12.2021. The assumption is that sometime during the plugging of the well, the release incident was remediated and the entire area was reclaimed and reseeded. No evidence of contamination was found in the soil during the multiple site visits. Exceptional vegetation regrowth onsite highlights the successful reclamation and reseeded of the site.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 03/23/2026
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Sante Fe Main Office
Phone: (505) 476-3441

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

QUESTIONS, Page 7

Action 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Reclamation Report

Only answer the questions in this group if all reclamation steps have been completed.

Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	65000
What was the total volume of replacement material (in cubic yards) for this site	0

Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.

Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	03/12/2021

Summarize any additional reclamation activities not included by answers (above)	This release incident was acquired by Coterra during the 2025 acquisition of Avant Operating, LLC, years after the location was P/A'd. An unknown volume of material was removed from the location. According to NMOCD records, the well was plugged on 03.12.2021. The assumption is that sometime during the plugging of the well, the release incident was remediated and the entire area was reclaimed and reseeded. No evidence of contamination was found in the soil during the multiple site visits. Exceptional vegetation regrowth onsite highlights the successful reclamation and reseeded of the site. the entire well pad has been reclaimed with the exception of the lease road that is still in place for the "LEA FEDERAL UNIT TR #020 (30-025-37012)", located directly west of this incident area. Due to the previous release area overlapping the lease road, a variance request per NMAC 19.15.29.14 for the reclamation and revegetation is being requested. The request to delay the reclamation and revegetation of the previous release area as the lease road to the above-mentioned well pad is currently being used for access purposes. Once "LEA FEDERAL UNIT TR #020 (30-025-37012)" is plugged and abandoned, the well pad and approximate 0.68-mile lease road will all be reclaimed and reseeded. All caliche will be removed from the surface and the area will return to previous conditions prior to oil field activities.
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The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 03/23/2026
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QUESTIONS, Page 8

Action 565482

QUESTIONS (continued)

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

QUESTIONS

Revegetation Report	
<i>Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.</i>	
Requesting a restoration complete approval with this submission	Yes
What was the total revegetation surface area (in square feet) for this site	65000
<i>Per Paragraph (2) of Subsection D of 19.15.29.13 NMAC the responsible party must reseed disturbed area in the first favorable growing season following closure of the site.</i>	
On what date did the reseeded commence	03/12/2021
On what date was the vegetative cover inspected	02/10/2026
What was the life form ratio compared to pre-disturbance levels	70
What was the total percent plant cover compared to pre-disturbance levels	95
Summarize any additional revegetation activities not included by answers (above)	This release incident was acquired by Coterra during the 2025 acquisition of Avant Operating, LLC, years after the location was P/A'd. An unknown volume of material was removed from the location. According to NMOCD records, the well was plugged on 03.12.2021. The assumption is that sometime during the plugging of the well, the release incident was remediated and the entire area was reclaimed and reseeded. No evidence of contamination was found in the soil during the multiple site visits. Exceptional vegetation regrowth onsite highlights the successful reclamation and reseeded of the site. the entire well pad has been reclaimed with the exception of the lease road that is still in place for the "LEA FEDERAL UNIT TR #020 (30-025-37012)", located directly west of this incident area. Due to the previous release area overlapping the lease road, a variance request per NMAC 19.15.29.14 for the reclamation and revegetation is being requested. The request to delay the reclamation and revegetation of the previous release area as the lease road to the above-mentioned well pad is currently being used for access purposes. Once "LEA FEDERAL UNIT TR #020 (30-025-37012)" is plugged and abandoned, the well pad and approximate 0.68-mile lease road will all be reclaimed and reseeded. All caliche will be removed from the surface and the area will return to previous conditions prior to oil field activities.
<i>The responsible party must attach information demonstrating they have complied with all applicable re-vegetation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any life form ratio and percent plant cover sampling diagrams or other relevant field notes, photographs of re-vegetated areas, and a narrative of the re-vegetation activities. Refer to 19.15.29.13 NMAC.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 03/23/2026
<i>Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.</i>	

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CONDITIONS

Action 565482

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 565482
	Action Type: [C-141] Revegetation Report C-141 (C-141-v-Revegetation)

CONDITIONS

Created By	Condition	Condition Date
scwells	Revegetation approved with the following condition: Per the approved variance request, Avant Operating will reclaim and revegetate the portion of the lease road where nDHR1913441028 occurred after 30-025-37012 LEA FEDERAL UNIT TR #020 is plugged and abandoned.	3/25/2026