



SITE INFORMATION

Closure Report
Southern California 29 Fed 15H, 17H (08.17.2025)
Incident ID: nAPP2522973023
Lea County, New Mexico
Unit M, Sec 29, T19S, R32E
32.62522°, -103.79586°

Crude Oil Release
Point of Release: Flare Fire
Release Date: 08.17.2025
Volume Released: 1 Barrels of Crude Oil
Volume Recovered: 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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May 20, 2026

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

Re: **Closure Report**
Southern California 29 Fed 15H, 17H (08.17.2025)
Incident ID: NAPP2522973023
Coterra Energy Operating Co.
Site Location: Unit M, S29, T19S, R32E
32.62522°, -103.79586°
Lea County, New Mexico

To whom it may concern:

At the request of Coterra Energy Operating Co. (Coterra), Carmona Resources LLC, has prepared this letter to document the site remediation conducted at the Southern California 29 Fed 15H, 17H, located at 32.62522°, -103.79586° within Unit M, S29, T19S, R32E, 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 August 17, 2025, due to loss of air supply at the facility, allowing fluids from the separator to carry over to the flare, resulting in a fire. The incident resulted in the release of approximately one (1) barrel of crude oil, with zero (0) barrels recovered. The release area is approximately 2,287 square feet. The spill boundaries are shown in 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 0.57 miles North of the site and was drilled in 2022. The GWDB was drilled to a depth of 55 feet below ground surface (ft bgs) and did not show evidence of groundwater present after 72 hours. A copy of the summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

On April 3, 2026, Carmona Resources personnel performed site assessment activities to horizontally define soil impacts stemming from the release. A total of six (6) horizontal samples (H-1 through H-6) were installed to total depths ranging from surface to 0.5 ft bgs to horizontally define 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.

Horizontal Delineation

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

5.0 Remediation Activities

On May 13, 2026, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on May 7, 2026, per Subsection D of 19.15.29.12 NMACH, see Appendix C. The entire area was excavated to a depth of 0.5 ft bgs. A total of thirteen (13) confirmation floor samples (CS-1 through CS-13) were collected every 200 square feet to ensure the proper removal of contaminated soil. Composite confirmation sidewall samples were not collected due to the excavation depth not exceeding 0.5 ft bgs. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas in accordance with established chain-of-custody protocols. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

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

Before the excavation was backfilled, a composite sample of the backfill material was collected on May 13, 2026, to ensure the material was clean per NMOCD standards. The backfill material was sourced from the a nearby pit located at 32.689788°, -103.758984°. Refer to Table 2. Once the remediation activities were completed, the excavated areas were backfilled to surface grade. Approximately 2,287 square feet of contamination was remediated, resulting in 50 cubic yards of material excavated and transported offsite for proper disposal.

6.0 Reclamation Activities

On May 19, 2026, H&R Enterprises, LLC were onsite to backfill the excavated areas and conduct reclamation activities. The entire area was reseeded with BLM #2 LPC seed mix via hand broadcasting. The estimated reclamation area is approximately 1,600 square feet. Semi-annual inspections (at a minimum) will take place at the location until the native vegetation has been properly established. The site conditions must reflect that the total percentage of plant cover is greater than 70 percent pre-disturbance levels, excluding invasive or noxious weeds. If noxious weeds are identified, the weeds will be promptly eradicated. If the site does not display signs of revegetation after one growing season, the area will be reseeded. See Figure 5 for the reclamation area.

7.0 Conclusion

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

Sincerely,
Carmona Resources, LLC



Ashton Thielke
Director of Operations




Gilbert Priego Jr.
Project Manager

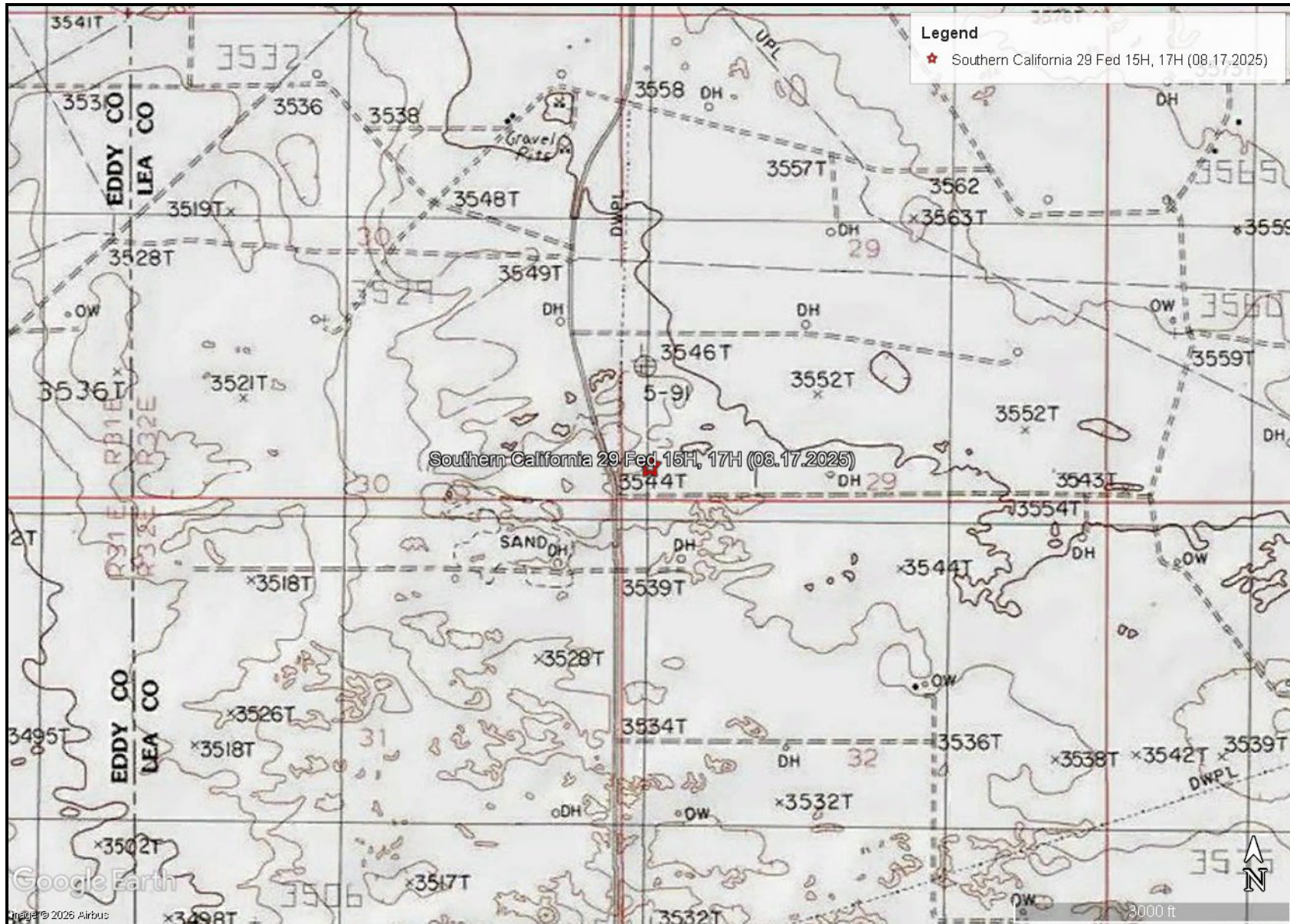
FIGURES

CARMONA RESOURCES





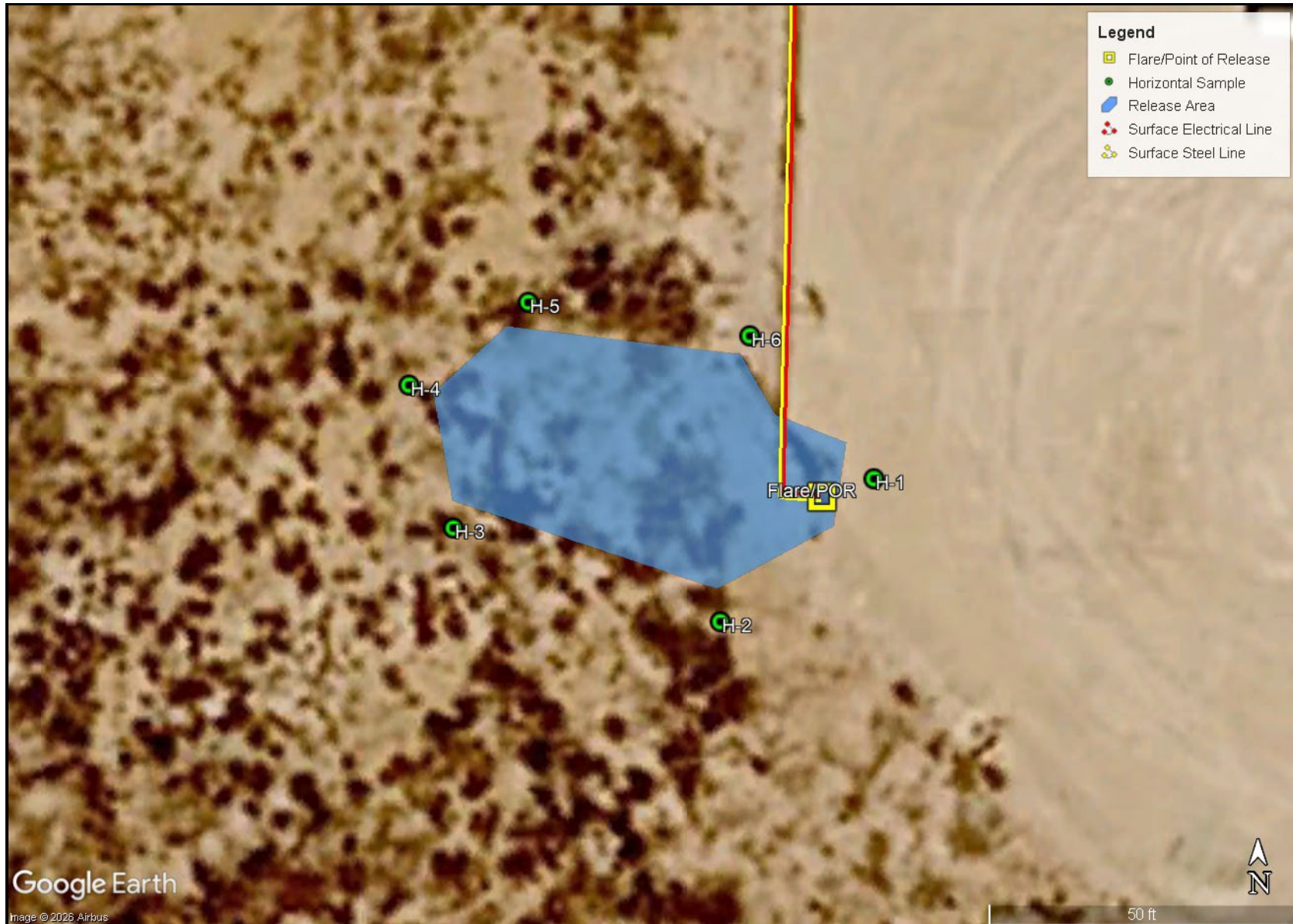
<p>OVERVIEW MAP COTERRA ENERGY OPERATING CO. SOUTHERN CALIFORNIA 29 FED 15H, 17H (08.17.2025) LEA COUNTY, NEW MEXICO 32.62522°, -103.79586°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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TOPOGRAPHIC MAP
 COTERRA ENERGY OPERATING CO.
 SOUTHERN CALIFORNIA 29 FED 15H, 17H (08.17.2025)
 LEA COUNTY, NEW MEXICO
 32.62522°, -103.79586°



FIGURE 2

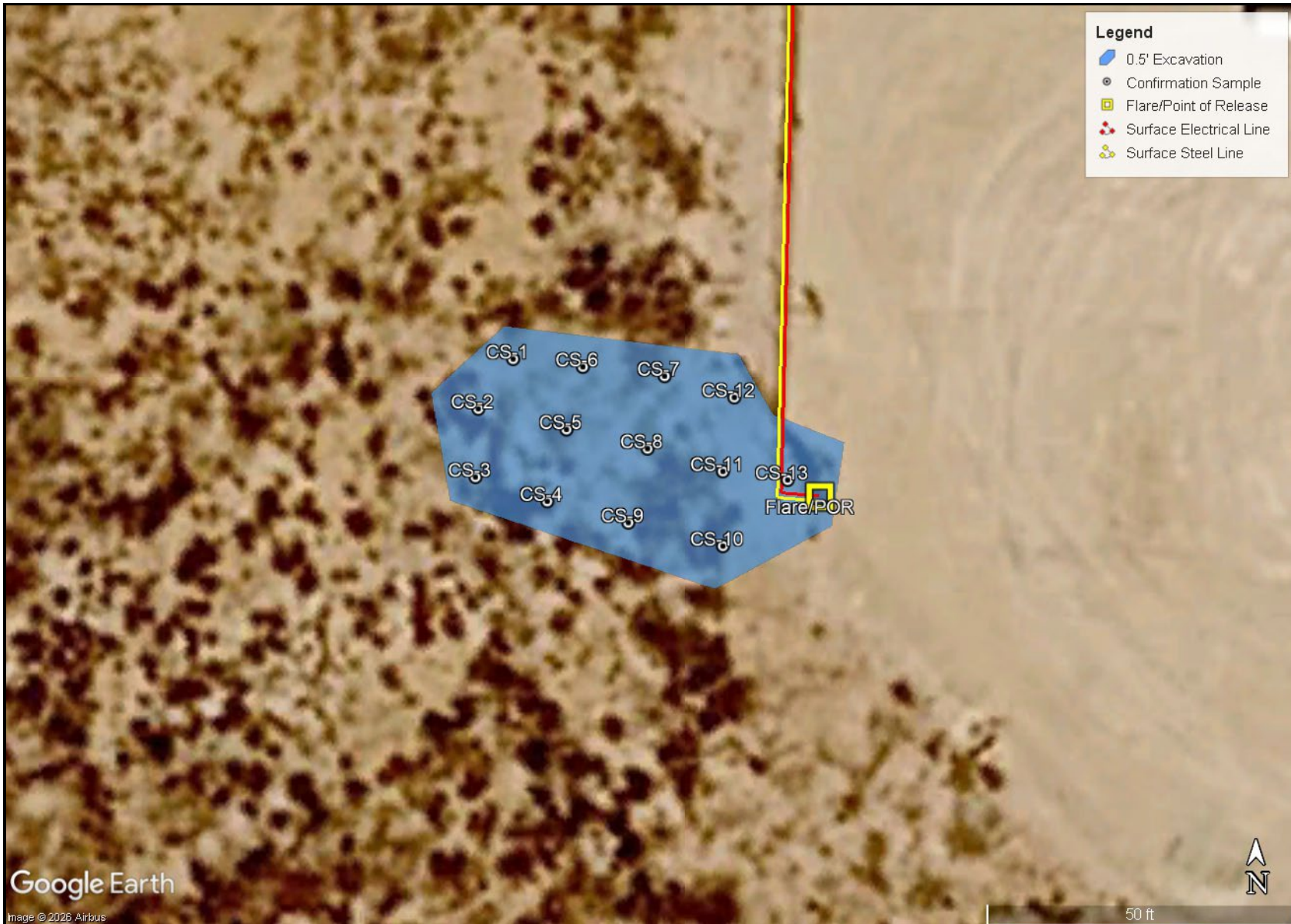



Google Earth
Image © 2026 Airbus

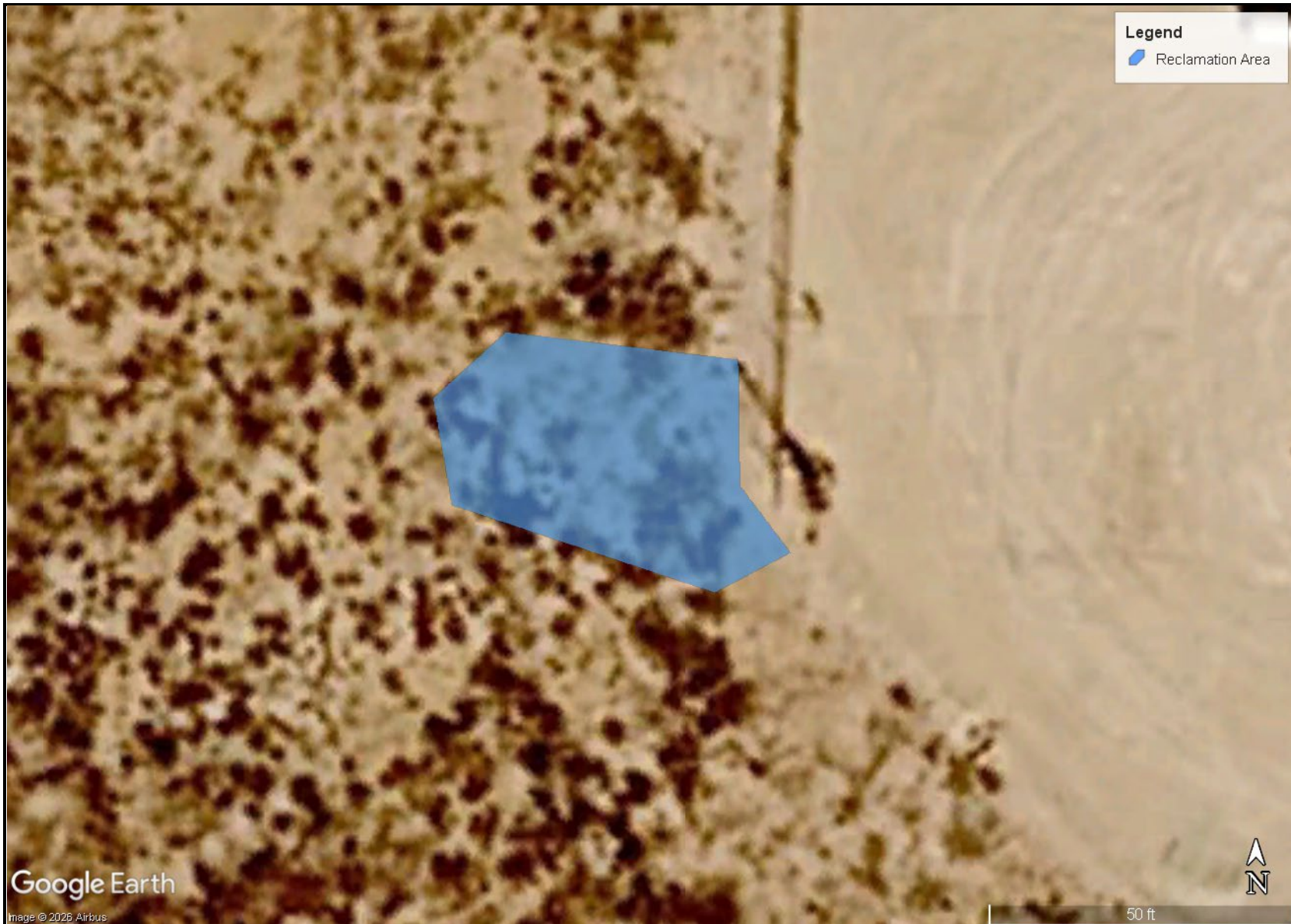
SAMPLE LOCATION MAP
COTERRA ENERGY OPERATING CO.
SOUTHERN CALIFORNIA 29 FED 15H, 17H (08.17.2025)
LEA COUNTY, NEW MEXICO
32.62522°, -103.79586°




FIGURE 3



<p>EXCAVATION DEPTH MAP COTERRA ENERGY OPERATING CO. SOUTHERN CALIFORNIA 29 FED 15H, 17H (08.17.2025) LEA COUNTY, NEW MEXICO 32.62522°, -103.79586°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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<p>RECLAMATION AREA MAP COTERRA ENERGY OPERATING CO. SOUTHERN CALIFORNIA 29 FED 15H, 17H (08.17.2025) LEA COUNTY, NEW MEXICO 32.62522°, -103.79586°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 5</p>
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APPENDIX A

CARMONA RESOURCES



Table 1
Coterra Energy Operating Co.
SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	4/3/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	20.8
H-2	4/3/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	20.6
H-3	4/3/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	30.1
H-4	4/3/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.2
H-5	4/3/2026	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	17.8
H-6	4/3/2026	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	26.3
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
Coterra Energy Operating Co.
SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	5/13/2026	0.5'	<50.1	<50.1	<50.1	<9.92	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<50.1
CS-2	5/13/2026	0.5'	<50.0	<50.0	<50.0	<10.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0
CS-3	5/13/2026	0.5'	<49.9	<49.9	<49.9	<9.96	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9
CS-4	5/13/2026	0.5'	<50.0	<50.0	<50.0	<9.98	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.0
CS-5	5/13/2026	0.5'	<49.8	<49.8	<49.8	<10.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<49.8
CS-6	5/13/2026	0.5'	<49.9	<49.9	<49.9	<9.92	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.9
CS-7	5/13/2026	0.5'	<49.9	<49.9	<49.9	<10.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.9
CS-8	5/13/2026	0.5'	<50.0	<50.0	<50.0	<9.94	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0
CS-9	5/13/2026	0.5'	<49.9	<49.9	<49.9	<10.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.9
CS-10	5/13/2026	0.5'	<49.8	<49.8	<49.8	<9.96	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<49.8
CS-11	5/13/2026	0.5'	<50.1	<50.1	<50.1	<9.92	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<50.1
CS-12	5/13/2026	0.5'	<50.1	<50.1	<50.1	<10.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.1
CS-13	5/13/2026	0.5'	<50.1	<50.1	<50.1	<10.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<50.1
Backfill	5/13/2026	-	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<10.1
<i>Regulatory Criteria</i> ^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

Photograph No. 1

Facility: Southern California 29 Fed 15H, 17H (08.17.2025)

County: Lea County, New Mexico

Description:

View East, area of CS-1 through CS-13.



Photograph No. 2

Facility: Southern California 29 Fed 15H, 17H (08.17.2025)

County: Lea County, New Mexico

Description:

View West, area of CS-1 through CS-13.



Photograph No. 3

Facility: Southern California 29 Fed 15H, 17H (08.17.2025)

County: Lea County, New Mexico

Description:

View Southeast, area of CS-1 through CS-13.



PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

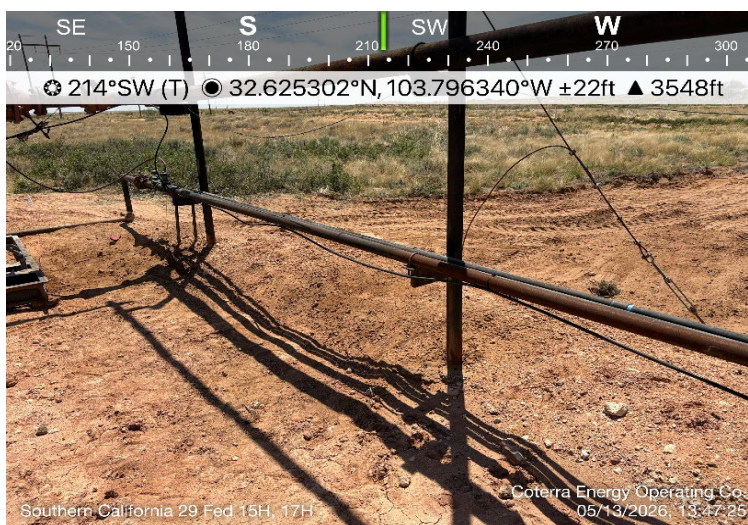
Photograph No. 4

Facility: Southern California 29 Fed 15H, 17H (08.17.2025)

County: Lea County, New Mexico

Description:

View Southwest, area of CS-1 through CS-13.



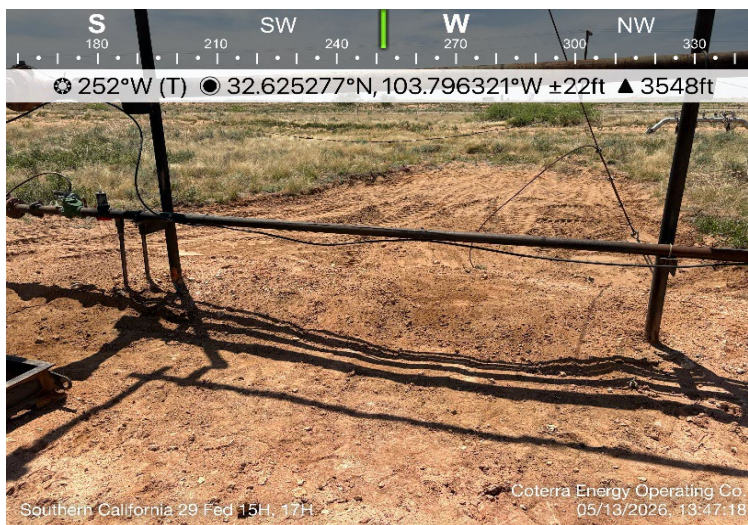
Photograph No. 5

Facility: Southern California 29 Fed 15H, 17H (08.17.2025)

County: Lea County, New Mexico

Description:

View West, area of CS-1 through CS-13.



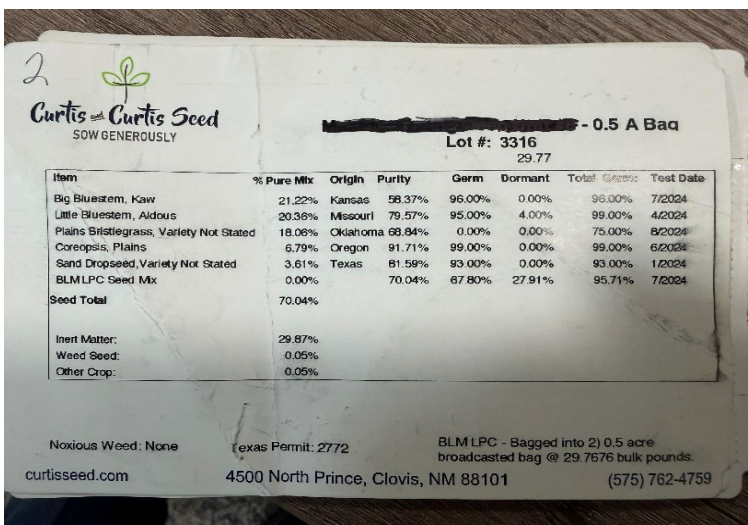
Photograph No. 6

Facility: Southern California 29 Fed 15H, 17H (08.17.2025)

County: Lea County, New Mexico

Description:

View of seed tag.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 496544

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 496544
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SOUTHERN CALIFORNIA 29 FED 15H,17H
Date Release Discovered	08/17/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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 Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Southern California 29 Federal 15H,17H CTB on due to loss of air supply at the facility, allowing fluid from the separator to carry over to the flare. The ProTek system successfully shut in the Southern California 29 Federal 15H well; however, it did not activate for the 17H well, allowing it to continue sending fluid to the facility. This incident resulted in a minor fire and an estimated total release of 1 barrel of oil onto the well pad and adjacent pasture. No injuries or damage resulted from the fire. In the coming weeks, we will evaluate the affected soils and implement the necessary remediation measures.

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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 2

Action 496544

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 496544
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More volume information must be supplied to determine if this will be treated as 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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**

ACKNOWLEDGMENTS

Action 496544

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 496544
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Action 496544

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 496544
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
lluig	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/17/2025



CIMAREX ENERGY
SOUTHERN CALIFORNIA 29
FEDERAL 15H CTB
LEA, NM

12:13



< Home

Standing Liquid Calculation

Southern Cal 29 Fed 15H CTB			
L(Ft)	W(Ft)	D(In)	Oil %
19	5	.5	100



H₂O Spill Total: 0.00 Bbls

Oil Spill Total: 0.70 Bbls

Total Spilled: 0.70 Bbls

Total Spilled: 29.61 Gals

Add Section to Spill

12:14



< Home

Standing Liquid Calculation

Southern Cal 29 Fed 15H CTB			
L(Ft)	W(Ft)	D(In)	Oil %
10	6	.25	100



H₂O Spill Total: 0.00 Bbls

Oil Spill Total: 0.22 Bbls

Total Spilled: 0.22 Bbls

Total Spilled: 9.35 Gals

Add Section to Spill

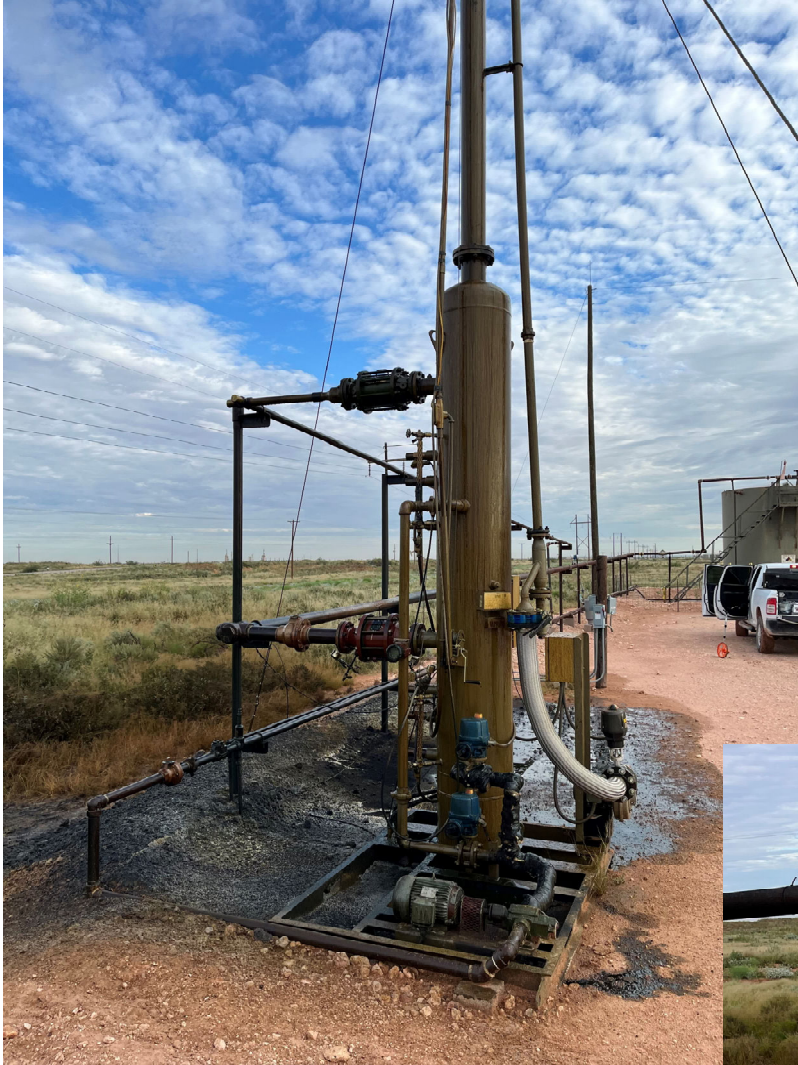


CIMAREX ENERGY
SOUTHERN CALIFORNIA 29
FEDERAL 15H CTB
LEA, NM



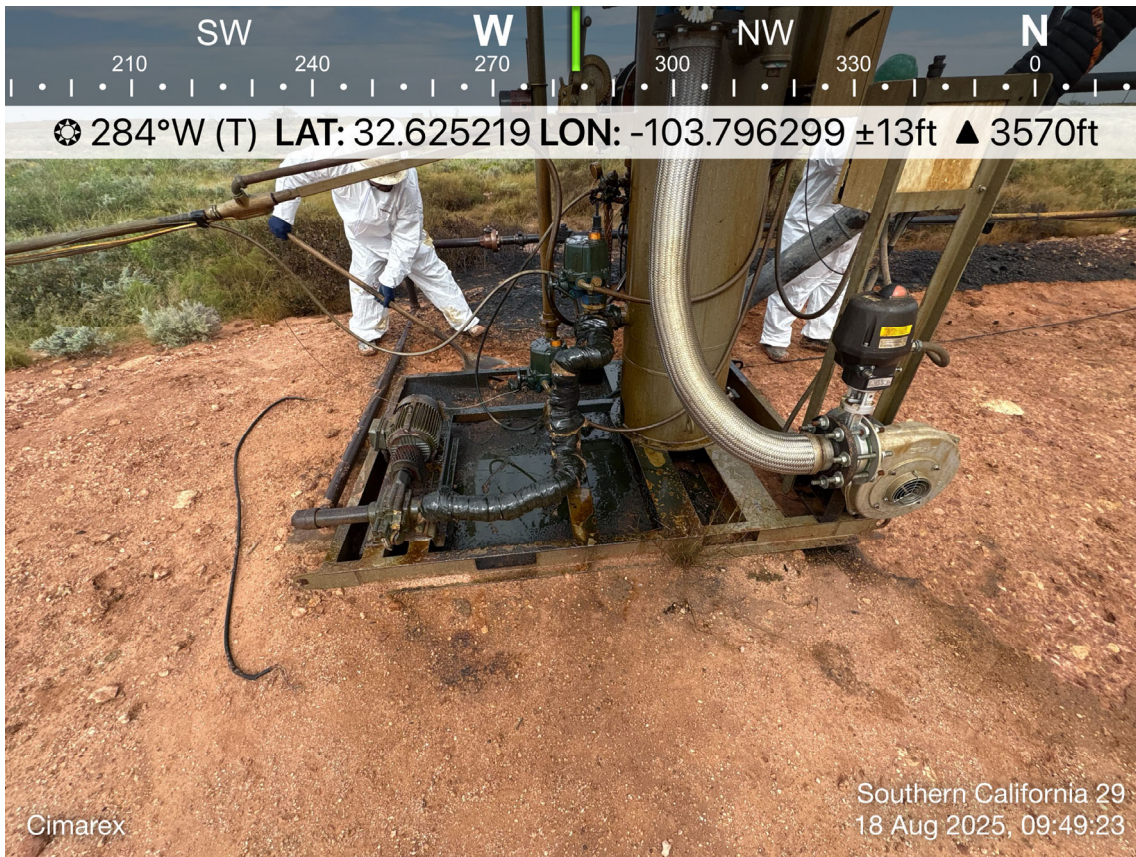


CIMAREX ENERGY
SOUTHERN CALIFORNIA 29
FEDERAL 15H CTB
LEA, NM





CIMAREX ENERGY
SOUTHERN CALIFORNIA 29
FEDERAL 15H CTB
LEA, NM





CIMAREX ENERGY
SOUTHERN CALIFORNIA 29
FEDERAL 15H CTB
LEA, NM



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

QUESTIONS

Action 498489

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 498489
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2522973023
Incident Name	NAPP2522973023 SOUTHERN CALIFORNIA 29 FED 15H,17H @ 0
Incident Type	Fire
Incident Status	Initial C-141 Received
Incident Facility	[fAPP2202650193] SOUTHERN CALIFORNIA 29 FED 15H,17H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SOUTHERN CALIFORNIA 29 FED 15H,17H
Date Release Discovered	08/17/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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 Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
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)	We had a reportable release at the Southern California 29 Federal 15H,17H CTB on due to loss of air supply at the facility, allowing fluid from the separator to carry over to the flare. The ProTek system successfully shut in the Southern California 29 Federal 15H well; however, it did not activate for the 17H well, allowing it to continue sending fluid to the facility. This incident resulted in a minor fire and an estimated total release of 1 barrel of oil onto the well pad and adjacent pasture. No injuries or damage resulted from the fire. In the coming weeks, we will evaluate the affected soils and implement the necessary remediation measures.

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>

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 2

Action 498489

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 498489
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

Per 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: Laci Luig Title: ES&H Specialist Email: DL_PerminEnvironmental@coterra.com Date: 08/22/2025
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QUESTIONS, Page 3

Action 498489

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 498489
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

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

Remediation Plan

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

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Energy, Minerals and Natural Resources
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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 498489

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 498489
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Spill calculations and initial C141 are approved. Cimarex Energy shall have a complete remediation closure within 90-days from the discovery of the release, and no later than 11/17/2025.	8/25/2025

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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 582724

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582724
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2522973023
Incident Name	NAPP2522973023 SOUTHERN CALIFORNIA 29 FED 15H,17H @ FAPP2202650193
Incident Type	Fire
Incident Status	Initial C-141 Approved
Incident Facility	[fAPP2202650193] SOUTHERN CALIFORNIA 29 FED 15H,17H

Location of Release Source	
Site Name	SOUTHERN CALIFORNIA 29 FED 15H,17H
Date Release Discovered	08/17/2025
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	2,000
What is the estimated number of samples that will be gathered	20
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2026
Time sampling will commence	12:00 PM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Excavation under flare has taken place to remove impacted soil.
Please provide any information necessary for navigation to sampling site	32.625233, -103.796372

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Energy, Minerals and Natural Resources
Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 582724

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 582724
	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.	5/7/2026
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.	5/7/2026

APPENDIX D







CARMONA RESOURCES



Nearest Water Well

CIMAREX ENERGY CO. OF COLORADO

Legend

-  0.50 Mile Radius
-  0.57 Miles
-  1.42 Miles
-  Groundwater Determination Bore
-  SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)
-  USGS Water Well

55' GWDB - Drilled 2022

SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)



661.56' - Drilled 1975



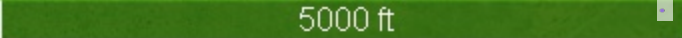
Low Karst

CIMAREX ENERGY CO. OF COLORADO

Legend

-  Low
-  SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)

SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(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 00642 POD1		CP	ED		NE	NE	25	19S	31E	611025.0	3611657.0 *	●	2320	250		
CP 00639 POD1		CP	LE		SW	NW	20	19S	32E	613029.0	3612880.0 *	●	2500	350	345	5
CP 00641 POD1		CP	ED		SE	NW	36	19S	31E	610247.0	3609634.0 *	●	2815	300	130	170
CP 00640 POD1		CP	LE		NE	NE	19	19S	32E	612621.0	3613280.0 *	●	2919	260	102	158
CP 00563 POD1		CP	LE	NW	NW	NE	19	19S	32E	612118.0	3613376.0 *	●	3112	300		
CP 01656 POD3		CP	LE	SW	SE	SW	17	19S	32E	613373.6	3613633.4	●	3279	30		
CP 01656 POD1		CP	LE	SW	SE	SW	17	19S	32E	613368.2	3613646.6	●	3291	70		
CP 01656 POD2		CP	LE	SW	SE	SW	17	19S	32E	613363.5	3613648.1	●	3292	70		
CP 01939 POD1		CP	ED	NE	SE	NE	26	19S	31E	609488.4	3611347.2	●	3605			

Average Depth to Water: **192 feet**

Minimum Depth: **102 feet**

Maximum Depth: **345 feet**

Record Count: 9

UTM Filters (in meters):

Easting: 612962.00

Northing: 3610380.00

Radius: 4000

* UTM location was derived from PLSS - see Help

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



Project Name :	<u>Southern California 29 Federal 16H</u>	Date :	<u>Wednesday, August 31, 2022</u>
Project No. :	<u>1122</u>	Sampler :	<u>A. Thielke</u>
Location :	<u>Lea County, New Mexico</u>	Driller :	<u>Scarborough Drilling</u>
Coordinates :	<u>32.63343, -103.79605</u>	Method :	<u>Air Rotary</u>
Elevation :	_____		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
0		Light Brown/Red Silty Sand. Poorly Cemented.		50		Red Bed Clay w/Sand 70% Clay 30% Sand. Dark Red Dry. Poorly Sorted Poorly Cemented	
3				55			
5		Well Cemented White/Grey Medium grained Caliche/Gravel w/Silty Sand. Well Sorted.		60		TD: 55'	
10		Well Cemented light brown Medium grained Caliche/Gravel w/Silty Sand. Well Sorted.		65			
15		Red/Brown Silty Sand w/ 20% Caliche/Gravel Fragments. Poorly Cemented. Poorly Sorted.		70			
20				75			
25				80			
30		Light Brown/Pink Silt Sand Poorly Cemented. Poorly Sorted. Very Fine Grained.		85			
35				90			
40				95			
45				100			
50				105			

Comments : Boring terminated at 55' at 10:00 Central Time with no presence of groundwater or moisture, checked for moisture on 9/7/2022. No moisture present.

8/18/25, 8:52 AM

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Meth meas
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Groundwater ▼ New Mexico ▼ GO

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- Explore the [NEW USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.

Groundwater levels for New Mexico

Click to hide state-specific text

i Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
 site_no list =
 • 323712103491001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 323712103491001 19S.32E.31.114

Lea County, New Mexico

Latitude 32°37'12", Longitude 103°49'10" NAD27

Land-surface elevation 3,497 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1966-09			M		2974.45	NGVD29	1	Z			A
1966-09			M		2976.01	NAVD88	1	Z			A
1966-09			M	520.99			1	Z			A
1967-07			M		2990.31	NGVD29	1	Z			A
1967-07			M		2991.87	NAVD88	1	Z			A
1967-07			M	505.13			1	Z			A
1967-09			M		2986.43	NGVD29	1	Z			A
1967-09			M		2987.99	NAVD88	1	Z			A
1967-09			M	509.01			1	Z			A
1967-11			M		2982.96	NGVD29	1	Z			A
1967-11			M		2984.52	NAVD88	1	Z			A
1967-11			M	512.48			1	Z			A
1968-01			M		2979.75	NGVD29	1	Z			A
1968-01			M		2981.31	NAVD88	1	Z			A
1968-01			M	515.69			1	Z			A
1968-03			M		2976.92	NGVD29	1	Z			A
1968-03			M		2978.48	NAVD88	1	Z			A
1968-03			M	518.52			1	Z			A
1968-05			M		2973.44	NGVD29	1	Z			A
1968-05			M		2975.00	NAVD88	1	Z			A
1968-05			M	522.00			1	Z			A
1968-07			M		2968.86	NGVD29	1	Z			A
1968-07			M		2970.42	NAVD88	1	Z			A
1968-07			M	526.58			1	Z			A
1968-09			M		2965.05	NGVD29	1	Z			A
1968-09			M		2966.61	NAVD88	1	Z			A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc meas
1968-09	M	72019	530.39		1	Z		A
1968-11	M	62610		2961.60	NGVD29	1	Z	A
1968-11	M	62611		2963.16	NAVD88	1	Z	A
1968-11	M	72019	533.84		1	Z		A
1969-01	M	62610		2958.39	NGVD29	1	Z	A
1969-01	M	62611		2959.95	NAVD88	1	Z	A
1969-01	M	72019	537.05		1	Z		A
1969-03	M	62610		2954.31	NGVD29	1	Z	A
1969-03	M	62611		2955.87	NAVD88	1	Z	A
1969-03	M	72019	541.13		1	Z		A
1969-05	M	62610		2950.86	NGVD29	1	Z	A
1969-05	M	62611		2952.42	NAVD88	1	Z	A
1969-05	M	72019	544.58		1	Z		A
1969-07	M	62610		2947.00	NGVD29	1	Z	A
1969-07	M	62611		2948.56	NAVD88	1	Z	A
1969-07	M	72019	548.44		1	Z		A
1969-09	M	62610		2943.31	NGVD29	1	Z	A
1969-09	M	62611		2944.87	NAVD88	1	Z	A
1969-09	M	72019	552.13		1	Z		A
1969-11	M	62610		2940.77	NGVD29	1	Z	A
1969-11	M	62611		2942.33	NAVD88	1	Z	A
1969-11	M	72019	554.67		1	Z		A
1970-01	M	62610		2938.01	NGVD29	1	Z	A
1970-01	M	62611		2939.57	NAVD88	1	Z	A
1970-01	M	72019	557.43		1	Z		A
1970-03	M	62610		2936.13	NGVD29	1	Z	A
1970-03	M	62611		2937.69	NAVD88	1	Z	A
1970-03	M	72019	559.31		1	Z		A
1970-05	M	62610		2932.48	NGVD29	1	Z	A
1970-05	M	62611		2934.04	NAVD88	1	Z	A
1970-05	M	72019	562.96		1	Z		A
1970-07	M	62610		2928.11	NGVD29	1	Z	A
1970-07	M	62611		2929.67	NAVD88	1	Z	A
1970-07	M	72019	567.33		1	Z		A
1970-09	M	62610		2923.92	NGVD29	1	Z	A
1970-09	M	62611		2925.48	NAVD88	1	Z	A
1970-09	M	72019	571.52		1	Z		A
1970-11	M	62610		2921.27	NGVD29	1	Z	A
1970-11	M	62611		2922.83	NAVD88	1	Z	A
1970-11	M	72019	574.17		1	Z		A
1971-01	M	62610		2917.43	NGVD29	1	Z	A
1971-01	M	62611		2918.99	NAVD88	1	Z	A
1971-01	M	72019	578.01		1	Z		A
1971-03	M	62610		2914.32	NGVD29	1	Z	A
1971-03	M	62611		2915.88	NAVD88	1	Z	A
1971-03	M	72019	581.12		1	Z		A
1971-05	M	62610		2908.92	NGVD29	1	Z	A
1971-05	M	62611		2910.48	NAVD88	1	Z	A
1971-05	M	72019	586.52		1	Z		A
1971-07	M	62610		2904.68	NGVD29	1	Z	A
1971-07	M	62611		2906.24	NAVD88	1	Z	A
1971-07	M	72019	590.76		1	Z		A
1971-09	M	62610		2901.09	NGVD29	1	Z	A
1971-09	M	62611		2902.65	NAVD88	1	Z	A
1971-09	M	72019	594.35		1	Z		A
1971-11	M	62610		2898.49	NGVD29	1	Z	A
1971-11	M	62611		2900.05	NAVD88	1	Z	A
1971-11	M	72019	596.95		1	Z		A
1972-01	M	62610		2896.02	NGVD29	1	Z	A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1972-01	M	62611	2897.58	NAVD88	1	Z		A
1972-01	M	72019	599.42		1	Z		A
1972-03	M	62610	2893.24	NGVD29	1	Z		A
1972-03	M	62611	2894.80	NAVD88	1	Z		A
1972-03	M	72019	602.20		1	Z		A
1972-05	M	62610	2889.97	NGVD29	1	Z		A
1972-05	M	62611	2891.53	NAVD88	1	Z		A
1972-05	M	72019	605.47		1	Z		A
1972-07	M	62610	2886.81	NGVD29	1	Z		A
1972-07	M	62611	2888.37	NAVD88	1	Z		A
1972-07	M	72019	608.63		1	Z		A
1972-09	M	62610	2884.10	NGVD29	1	Z		A
1972-09	M	62611	2885.66	NAVD88	1	Z		A
1972-09	M	72019	611.34		1	Z		A
1972-11	M	62610	2882.57	NGVD29	1	Z		A
1972-11	M	62611	2884.13	NAVD88	1	Z		A
1972-11	M	72019	612.87		1	Z		A
1973-01	M	62610	2880.52	NGVD29	1	Z		A
1973-01	M	62611	2882.08	NAVD88	1	Z		A
1973-01	M	72019	614.92		1	Z		A
1973-03	M	62610	2879.59	NGVD29	1	Z		A
1973-03	M	62611	2881.15	NAVD88	1	Z		A
1973-03	M	72019	615.85		1	Z		A
1973-05	M	62610	2874.74	NGVD29	1	Z		A
1973-05	M	62611	2876.30	NAVD88	1	Z		A
1973-05	M	72019	620.70		1	Z		A
1973-07	M	62610	2871.78	NGVD29	1	Z		A
1973-07	M	62611	2873.34	NAVD88	1	Z		A
1973-07	M	72019	623.66		1	Z		A
1973-09	M	62610	2865.11	NGVD29	1	Z		A
1973-09	M	62611	2866.67	NAVD88	1	Z		A
1973-09	M	72019	630.33		1	Z		A
1973-11	M	62610	2862.56	NGVD29	1	Z		A
1973-11	M	62611	2864.12	NAVD88	1	Z		A
1973-11	M	72019	632.88		1	Z		A
1974-01	M	62610	2859.06	NGVD29	1	Z		A
1974-01	M	62611	2860.62	NAVD88	1	Z		A
1974-01	M	72019	636.38		1	Z		A
1974-03	M	62610	2856.03	NGVD29	1	Z		A
1974-03	M	62611	2857.59	NAVD88	1	Z		A
1974-03	M	72019	639.41		1	Z		A
1974-05	M	62610	2850.30	NGVD29	1	Z		A
1974-05	M	62611	2851.86	NAVD88	1	Z		A
1974-05	M	72019	645.14		1	Z		A
1974-09	M	62610	2844.19	NGVD29	1	Z		A
1974-09	M	62611	2845.75	NAVD88	1	Z		A
1974-09	M	72019	651.25		1	Z		A
1975-03-21	D	62610	2839.65	NGVD29	1	Z		A
1975-03-21	D	62611	2841.21	NAVD88	1	Z		A
1975-03-21	D	72019	655.79		1	Z		A
1975-03-22	D	62610	2839.78	NGVD29	1	Z		A
1975-03-22	D	62611	2841.34	NAVD88	1	Z		A
1975-03-22	D	72019	655.66		1	Z		A
1975-03-23	D	62610	2839.84	NGVD29	1	Z		A
1975-03-23	D	62611	2841.40	NAVD88	1	Z		A
1975-03-23	D	72019	655.60		1	Z		A
1975-03-24	D	62610	2839.59	NGVD29	1	Z		A
1975-03-24	D	62611	2841.15	NAVD88	1	Z		A
1975-03-24	D	72019	655.85		1	Z		A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1975-03-25	D	62610	2839.58	NGVD29	1	Z		A
1975-03-25	D	62611	2841.14	NAVD88	1	Z		A
1975-03-25	D	72019	655.86		1	Z		A
1975-03-26	D	62610	2839.79	NGVD29	1	Z		A
1975-03-26	D	62611	2841.35	NAVD88	1	Z		A
1975-03-26	D	72019	655.65		1	Z		A
1975-03-27	D	62610	2839.74	NGVD29	1	Z		A
1975-03-27	D	62611	2841.30	NAVD88	1	Z		A
1975-03-27	D	72019	655.70		1	Z		A
1975-03-28	D	62610	2839.56	NGVD29	1	Z		A
1975-03-28	D	62611	2841.12	NAVD88	1	Z		A
1975-03-28	D	72019	655.88		1	Z		A
1975-03-29	D	62610	2839.39	NGVD29	1	Z		A
1975-03-29	D	62611	2840.95	NAVD88	1	Z		A
1975-03-29	D	72019	656.05		1	Z		A
1975-03-30	D	62610	2839.34	NGVD29	1	Z		A
1975-03-30	D	62611	2840.90	NAVD88	1	Z		A
1975-03-30	D	72019	656.10		1	Z		A
1975-03-31	D	62610	2839.55	NGVD29	1	Z		A
1975-03-31	D	62611	2841.11	NAVD88	1	Z		A
1975-03-31	D	72019	655.89		1	Z		A
1975-04-01	D	62610	2839.48	NGVD29	1	Z		A
1975-04-01	D	62611	2841.04	NAVD88	1	Z		A
1975-04-01	D	72019	655.96		1	Z		A
1975-04-02	D	62610	2839.30	NGVD29	1	Z		A
1975-04-02	D	62611	2840.86	NAVD88	1	Z		A
1975-04-02	D	72019	656.14		1	Z		A
1975-04-03	D	62610	2839.15	NGVD29	1	Z		A
1975-04-03	D	62611	2840.71	NAVD88	1	Z		A
1975-04-03	D	72019	656.29		1	Z		A
1975-04-04	D	62610	2839.24	NGVD29	1	Z		A
1975-04-04	D	62611	2840.80	NAVD88	1	Z		A
1975-04-04	D	72019	656.20		1	Z		A
1975-04-05	D	62610	2839.19	NGVD29	1	Z		A
1975-04-05	D	62611	2840.75	NAVD88	1	Z		A
1975-04-05	D	72019	656.25		1	Z		A
1975-04-06	D	62610	2839.21	NGVD29	1	Z		A
1975-04-06	D	62611	2840.77	NAVD88	1	Z		A
1975-04-06	D	72019	656.23		1	Z		A
1975-04-07	D	62610	2839.37	NGVD29	1	Z		A
1975-04-07	D	62611	2840.93	NAVD88	1	Z		A
1975-04-07	D	72019	656.07		1	Z		A
1975-04-08	D	62610	2839.16	NGVD29	1	Z		A
1975-04-08	D	62611	2840.72	NAVD88	1	Z		A
1975-04-08	D	72019	656.28		1	Z		A
1975-04-09	D	62610	2838.96	NGVD29	1	Z		A
1975-04-09	D	62611	2840.52	NAVD88	1	Z		A
1975-04-09	D	72019	656.48		1	Z		A
1975-04-10	D	62610	2839.02	NGVD29	1	Z		A
1975-04-10	D	62611	2840.58	NAVD88	1	Z		A
1975-04-10	D	72019	656.42		1	Z		A
1975-04-11	D	62610	2838.81	NGVD29	1	Z		A
1975-04-11	D	62611	2840.37	NAVD88	1	Z		A
1975-04-11	D	72019	656.63		1	Z		A
1975-04-12	D	62610	2838.82	NGVD29	1	Z		A
1975-04-12	D	62611	2840.38	NAVD88	1	Z		A
1975-04-12	D	72019	656.62		1	Z		A
1975-04-13	D	62610	2838.89	NGVD29	1	Z		A
1975-04-13	D	62611	2840.45	NAVD88	1	Z		A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1975-04-13		D 72019	656.55		1	Z		A
1975-04-14		D 62610	2838.73	NGVD29	1	Z		A
1975-04-14		D 62611	2840.29	NAVD88	1	Z		A
1975-04-14		D 72019	656.71		1	Z		A
1975-04-15		D 62610	2838.69	NGVD29	1	Z		A
1975-04-15		D 62611	2840.25	NAVD88	1	Z		A
1975-04-15		D 72019	656.75		1	Z		A
1975-04-16		D 62610	2838.74	NGVD29	1	Z		A
1975-04-16		D 62611	2840.30	NAVD88	1	Z		A
1975-04-16		D 72019	656.70		1	Z		A
1975-04-17		D 62610	2838.86	NGVD29	1	Z		A
1975-04-17		D 62611	2840.42	NAVD88	1	Z		A
1975-04-17		D 72019	656.58		1	Z		A
1975-04-18		D 62610	2838.82	NGVD29	1	Z		A
1975-04-18		D 62611	2840.38	NAVD88	1	Z		A
1975-04-18		D 72019	656.62		1	Z		A
1975-04-19		D 62610	2838.51	NGVD29	1	Z		A
1975-04-19		D 62611	2840.07	NAVD88	1	Z		A
1975-04-19		D 72019	656.93		1	Z		A
1975-04-20		D 62610	2838.48	NGVD29	1	Z		A
1975-04-20		D 62611	2840.04	NAVD88	1	Z		A
1975-04-20		D 72019	656.96		1	Z		A
1975-04-21		D 62610	2838.39	NGVD29	1	Z		A
1975-04-21		D 62611	2839.95	NAVD88	1	Z		A
1975-04-21		D 72019	657.05		1	Z		A
1975-04-22		D 62610	2838.41	NGVD29	1	Z		A
1975-04-22		D 62611	2839.97	NAVD88	1	Z		A
1975-04-22		D 72019	657.03		1	Z		A
1975-04-23		D 62610	2838.42	NGVD29	1	Z		A
1975-04-23		D 62611	2839.98	NAVD88	1	Z		A
1975-04-23		D 72019	657.02		1	Z		A
1975-04-24		D 62610	2838.40	NGVD29	1	Z		A
1975-04-24		D 62611	2839.96	NAVD88	1	Z		A
1975-04-24		D 72019	657.04		1	Z		A
1975-04-25		D 62610	2838.38	NGVD29	1	Z		A
1975-04-25		D 62611	2839.94	NAVD88	1	Z		A
1975-04-25		D 72019	657.06		1	Z		A
1975-04-26		D 62610	2838.42	NGVD29	1	Z		A
1975-04-26		D 62611	2839.98	NAVD88	1	Z		A
1975-04-26		D 72019	657.02		1	Z		A
1975-04-27		D 62610	2838.41	NGVD29	1	Z		A
1975-04-27		D 62611	2839.97	NAVD88	1	Z		A
1975-04-27		D 72019	657.03		1	Z		A
1975-04-28		D 62610	2838.27	NGVD29	1	Z		A
1975-04-28		D 62611	2839.83	NAVD88	1	Z		A
1975-04-28		D 72019	657.17		1	Z		A
1975-04-29		D 62610	2838.32	NGVD29	1	Z		A
1975-04-29		D 62611	2839.88	NAVD88	1	Z		A
1975-04-29		D 72019	657.12		1	Z		A
1975-04-30		D 62610	2838.12	NGVD29	1	Z		A
1975-04-30		D 62611	2839.68	NAVD88	1	Z		A
1975-04-30		D 72019	657.32		1	Z		A
1975-05-01		D 62610	2838.03	NGVD29	1	Z		A
1975-05-01		D 62611	2839.59	NAVD88	1	Z		A
1975-05-01		D 72019	657.41		1	Z		A
1975-05-02		D 62610	2838.03	NGVD29	1	Z		A
1975-05-02		D 62611	2839.59	NAVD88	1	Z		A
1975-05-02		D 72019	657.41		1	Z		A
1975-05-03		D 62610	2837.93	NGVD29	1	Z		A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1975-05-03	D	62611	2839.49	NAVD88	1	Z		A
1975-05-03	D	72019	657.51		1	Z		A
1975-05-04	D	62610	2837.98	NGVD29	1	Z		A
1975-05-04	D	62611	2839.54	NAVD88	1	Z		A
1975-05-04	D	72019	657.46		1	Z		A
1975-05-05	D	62610	2838.02	NGVD29	1	Z		A
1975-05-05	D	62611	2839.58	NAVD88	1	Z		A
1975-05-05	D	72019	657.42		1	Z		A
1975-05-06	D	62610	2837.91	NGVD29	1	Z		A
1975-05-06	D	62611	2839.47	NAVD88	1	Z		A
1975-05-06	D	72019	657.53		1	Z		A
1975-05-07	D	62610	2837.85	NGVD29	1	Z		A
1975-05-07	D	62611	2839.41	NAVD88	1	Z		A
1975-05-07	D	72019	657.59		1	Z		A
1975-05-08	D	62610	2837.74	NGVD29	1	Z		A
1975-05-08	D	62611	2839.30	NAVD88	1	Z		A
1975-05-08	D	72019	657.70		1	Z		A
1975-05-09	D	62610	2837.63	NGVD29	1	Z		A
1975-05-09	D	62611	2839.19	NAVD88	1	Z		A
1975-05-09	D	72019	657.81		1	Z		A
1975-05-10	D	62610	2837.56	NGVD29	1	Z		A
1975-05-10	D	62611	2839.12	NAVD88	1	Z		A
1975-05-10	D	72019	657.88		1	Z		A
1975-05-11	D	62610	2837.57	NGVD29	1	Z		A
1975-05-11	D	62611	2839.13	NAVD88	1	Z		A
1975-05-11	D	72019	657.87		1	Z		A
1975-05-12	D	62610	2837.62	NGVD29	1	Z		A
1975-05-12	D	62611	2839.18	NAVD88	1	Z		A
1975-05-12	D	72019	657.82		1	Z		A
1975-05-13	D	62610	2837.62	NGVD29	1	Z		A
1975-05-13	D	62611	2839.18	NAVD88	1	Z		A
1975-05-13	D	72019	657.82		1	Z		A
1975-05-14	D	62610	2837.47	NGVD29	1	Z		A
1975-05-14	D	62611	2839.03	NAVD88	1	Z		A
1975-05-14	D	72019	657.97		1	Z		A
1975-05-15	D	62610	2837.41	NGVD29	1	Z		A
1975-05-15	D	62611	2838.97	NAVD88	1	Z		A
1975-05-15	D	72019	658.03		1	Z		A
1975-05-16	D	62610	2837.42	NGVD29	1	Z		A
1975-05-16	D	62611	2838.98	NAVD88	1	Z		A
1975-05-16	D	72019	658.02		1	Z		A
1975-05-17	D	62610	2837.34	NGVD29	1	Z		A
1975-05-17	D	62611	2838.90	NAVD88	1	Z		A
1975-05-17	D	72019	658.10		1	Z		A
1975-05-18	D	62610	2837.26	NGVD29	1	Z		A
1975-05-18	D	62611	2838.82	NAVD88	1	Z		A
1975-05-18	D	72019	658.18		1	Z		A
1975-05-19	D	62610	2837.27	NGVD29	1	Z		A
1975-05-19	D	62611	2838.83	NAVD88	1	Z		A
1975-05-19	D	72019	658.17		1	Z		A
1975-05-20	D	62610	2837.34	NGVD29	1	Z		A
1975-05-20	D	62611	2838.90	NAVD88	1	Z		A
1975-05-20	D	72019	658.10		1	Z		A
1975-05-21	D	62610	2837.22	NGVD29	1	Z		A
1975-05-21	D	62611	2838.78	NAVD88	1	Z		A
1975-05-21	D	72019	658.22		1	Z		A
1975-05-22	D	62610	2837.21	NGVD29	1	Z		A
1975-05-22	D	62611	2838.77	NAVD88	1	Z		A
1975-05-22	D	72019	658.23		1	Z		A

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1975-05-23	D	62610	2837.02	NGVD29	1	Z		A
1975-05-23	D	62611	2838.58	NAVD88	1	Z		A
1975-05-23	D	72019	658.42		1	Z		A
1975-05-24	D	62610	2837.00	NGVD29	1	Z		A
1975-05-24	D	62611	2838.56	NAVD88	1	Z		A
1975-05-24	D	72019	658.44		1	Z		A
1975-05-25	D	62610	2836.99	NGVD29	1	Z		A
1975-05-25	D	62611	2838.55	NAVD88	1	Z		A
1975-05-25	D	72019	658.45		1	Z		A
1975-05-26	D	62610	2836.81	NGVD29	1	Z		A
1975-05-26	D	62611	2838.37	NAVD88	1	Z		A
1975-05-26	D	72019	658.63		1	Z		A
1975-05-27	D	62610	2836.84	NGVD29	1	Z		A
1975-05-27	D	62611	2838.40	NAVD88	1	Z		A
1975-05-27	D	72019	658.60		1	Z		A
1975-05-28	D	62610	2836.97	NGVD29	1	Z		A
1975-05-28	D	62611	2838.53	NAVD88	1	Z		A
1975-05-28	D	72019	658.47		1	Z		A
1975-05-29	D	62610	2836.89	NGVD29	1	Z		A
1975-05-29	D	62611	2838.45	NAVD88	1	Z		A
1975-05-29	D	72019	658.55		1	Z		A
1975-05-30	D	62610	2836.68	NGVD29	1	Z		A
1975-05-30	D	62611	2838.24	NAVD88	1	Z		A
1975-05-30	D	72019	658.76		1	Z		A
1975-05-31	D	62610	2836.67	NGVD29	1	Z		A
1975-05-31	D	62611	2838.23	NAVD88	1	Z		A
1975-05-31	D	72019	658.77		1	Z		A
1975-06-01	D	62610	2836.61	NGVD29	1	Z		A
1975-06-01	D	62611	2838.17	NAVD88	1	Z		A
1975-06-01	D	72019	658.83		1	Z		A
1975-06-02	D	62610	2836.51	NGVD29	1	Z		A
1975-06-02	D	62611	2838.07	NAVD88	1	Z		A
1975-06-02	D	72019	658.93		1	Z		A
1975-06-03	D	62610	2836.56	NGVD29	1	Z		A
1975-06-03	D	62611	2838.12	NAVD88	1	Z		A
1975-06-03	D	72019	658.88		1	Z		A
1975-06-04	D	62610	2836.55	NGVD29	1	Z		A
1975-06-04	D	62611	2838.11	NAVD88	1	Z		A
1975-06-04	D	72019	658.89		1	Z		A
1975-06-05	D	62610	2836.44	NGVD29	1	Z		A
1975-06-05	D	62611	2838.00	NAVD88	1	Z		A
1975-06-05	D	72019	659.00		1	Z		A
1975-06-06	D	62610	2836.34	NGVD29	1	Z		A
1975-06-06	D	62611	2837.90	NAVD88	1	Z		A
1975-06-06	D	72019	659.10		1	Z		A
1975-06-07	D	62610	2836.31	NGVD29	1	Z		A
1975-06-07	D	62611	2837.87	NAVD88	1	Z		A
1975-06-07	D	72019	659.13		1	Z		A
1975-06-08	D	62610	2836.28	NGVD29	1	Z		A
1975-06-08	D	62611	2837.84	NAVD88	1	Z		A
1975-06-08	D	72019	659.16		1	Z		A
1975-06-09	D	62610	2836.23	NGVD29	1	Z		A
1975-06-09	D	62611	2837.79	NAVD88	1	Z		A
1975-06-09	D	72019	659.21		1	Z		A
1975-06-10	D	62610	2836.09	NGVD29	1	Z		A
1975-06-10	D	62611	2837.65	NAVD88	1	Z		A
1975-06-10	D	72019	659.35		1	Z		A
1975-06-11	D	62610	2835.94	NGVD29	1	Z		A
1975-06-11	D	62611	2837.50	NAVD88	1	Z		A

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Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1975-06-11	D	72019	659.50		1	Z		A
1975-06-13	D	62610		2835.91	NGVD29	1	Z	A
1975-06-13	D	62611		2837.47	NAVD88	1	Z	A
1975-06-13	D	72019	659.53		1	Z		A
1975-06-14	D	62610		2835.92	NGVD29	1	Z	A
1975-06-14	D	62611		2837.48	NAVD88	1	Z	A
1975-06-14	D	72019	659.52		1	Z		A
1975-06-15	D	62610		2835.83	NGVD29	1	Z	A
1975-06-15	D	62611		2837.39	NAVD88	1	Z	A
1975-06-15	D	72019	659.61		1	Z		A
1975-06-16	D	62610		2835.87	NGVD29	1	Z	A
1975-06-16	D	62611		2837.43	NAVD88	1	Z	A
1975-06-16	D	72019	659.57		1	Z		A
1975-06-17	D	62610		2835.83	NGVD29	1	Z	A
1975-06-17	D	62611		2837.39	NAVD88	1	Z	A
1975-06-17	D	72019	659.61		1	Z		A
1975-06-18	D	62610		2835.77	NGVD29	1	Z	A
1975-06-18	D	62611		2837.33	NAVD88	1	Z	A
1975-06-18	D	72019	659.67		1	Z		A
1975-06-19	D	62610		2835.57	NGVD29	1	Z	A
1975-06-19	D	62611		2837.13	NAVD88	1	Z	A
1975-06-19	D	72019	659.87		1	Z		A
1975-06-20	D	62610		2835.47	NGVD29	1	Z	A
1975-06-20	D	62611		2837.03	NAVD88	1	Z	A
1975-06-20	D	72019	659.97		1	Z		A
1975-06-21	D	62610		2835.43	NGVD29	1	Z	A
1975-06-21	D	62611		2836.99	NAVD88	1	Z	A
1975-06-21	D	72019	660.01		1	Z		A
1975-06-22	D	62610		2835.35	NGVD29	1	Z	A
1975-06-22	D	62611		2836.91	NAVD88	1	Z	A
1975-06-22	D	72019	660.09		1	Z		A
1975-06-23	D	62610		2835.22	NGVD29	1	Z	A
1975-06-23	D	62611		2836.78	NAVD88	1	Z	A
1975-06-23	D	72019	660.22		1	Z		A
1975-06-24	D	62610		2835.12	NGVD29	1	Z	A
1975-06-24	D	62611		2836.68	NAVD88	1	Z	A
1975-06-24	D	72019	660.32		1	Z		A
1975-06-25	D	62610		2835.16	NGVD29	1	Z	A
1975-06-25	D	62611		2836.72	NAVD88	1	Z	A
1975-06-25	D	72019	660.28		1	Z		A
1975-06-26	D	62610		2835.16	NGVD29	1	Z	A
1975-06-26	D	62611		2836.72	NAVD88	1	Z	A
1975-06-26	D	72019	660.28		1	Z		A
1975-06-27	D	62610		2835.08	NGVD29	1	Z	A
1975-06-27	D	62611		2836.64	NAVD88	1	Z	A
1975-06-27	D	72019	660.36		1	Z		A
1975-06-28	D	62610		2835.02	NGVD29	1	Z	A
1975-06-28	D	62611		2836.58	NAVD88	1	Z	A
1975-06-28	D	72019	660.42		1	Z		A
1975-06-29	D	62610		2834.91	NGVD29	1	Z	A
1975-06-29	D	62611		2836.47	NAVD88	1	Z	A
1975-06-29	D	72019	660.53		1	Z		A
1975-06-30	D	62610		2834.79	NGVD29	1	Z	A
1975-06-30	D	62611		2836.35	NAVD88	1	Z	A
1975-06-30	D	72019	660.65		1	Z		A
1975-07-01	D	62610		2834.71	NGVD29	1	Z	A
1975-07-01	D	62611		2836.27	NAVD88	1	Z	A
1975-07-01	D	72019	660.73		1	Z		A
1975-07-02	D	62610		2834.62	NGVD29	1	Z	A

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Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Methc measi
1975-07-02	D	62611	2836.18	NAVD88	1	Z		A
1975-07-02	D	72019	660.82		1	Z		A
1975-07-03	D	62610	2834.56	NGVD29	1	Z		A
1975-07-03	D	62611	2836.12	NAVD88	1	Z		A
1975-07-03	D	72019	660.88		1	Z		A
1975-07-04	D	62610	2834.49	NGVD29	1	Z		A
1975-07-04	D	62611	2836.05	NAVD88	1	Z		A
1975-07-04	D	72019	660.95		1	Z		A
1975-07-05	D	62610	2834.50	NGVD29	1	Z		A
1975-07-05	D	62611	2836.06	NAVD88	1	Z		A
1975-07-05	D	72019	660.94		1	Z		A
1975-07-06	D	62610	2834.51	NGVD29	1	Z		A
1975-07-06	D	62611	2836.07	NAVD88	1	Z		A
1975-07-06	D	72019	660.93		1	Z		A
1975-07-07	D	62610	2834.42	NGVD29	1	Z		A
1975-07-07	D	62611	2835.98	NAVD88	1	Z		A
1975-07-07	D	72019	661.02		1	Z		A
1975-07-08	D	62610	2834.31	NGVD29	1	Z		A
1975-07-08	D	62611	2835.87	NAVD88	1	Z		A
1975-07-08	D	72019	661.13		1	Z		A
1975-07-09	D	62610	2834.29	NGVD29	1	Z		A
1975-07-09	D	62611	2835.85	NAVD88	1	Z		A
1975-07-09	D	72019	661.15		1	Z		A
1975-07-10	D	62610	2834.28	NGVD29	1	Z		A
1975-07-10	D	62611	2835.84	NAVD88	1	Z		A
1975-07-10	D	72019	661.16		1	Z		A
1975-07-11	D	62610	2834.23	NGVD29	1	Z		A
1975-07-11	D	62611	2835.79	NAVD88	1	Z		A
1975-07-11	D	72019	661.21		1	Z		A
1975-07-12	D	62610	2834.22	NGVD29	1	Z		A
1975-07-12	D	62611	2835.78	NAVD88	1	Z		A
1975-07-12	D	72019	661.22		1	Z		A
1975-07-13	D	62610	2834.15	NGVD29	1	Z		A
1975-07-13	D	62611	2835.71	NAVD88	1	Z		A
1975-07-13	D	72019	661.29		1	Z		A
1975-07-14	D	62610	2834.10	NGVD29	1	Z		A
1975-07-14	D	62611	2835.66	NAVD88	1	Z		A
1975-07-14	D	72019	661.34		1	Z		A
1975-07-15	D	62610	2833.99	NGVD29	1	Z		A
1975-07-15	D	62611	2835.55	NAVD88	1	Z		A
1975-07-15	D	72019	661.45		1	Z		A
1975-07-16	D	62610	2833.93	NGVD29	1	Z		A
1975-07-16	D	62611	2835.49	NAVD88	1	Z		A
1975-07-16	D	72019	661.51		1	Z		A
1975-07-17	D	62610	2833.88	NGVD29	1	Z		A
1975-07-17	D	62611	2835.44	NAVD88	1	Z		A
1975-07-17	D	72019	661.56		1	Z		A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level date-time accuracy	M	Date is accurate to the Month
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static

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Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Methc measi
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Title: Groundwater for New Mexico: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>

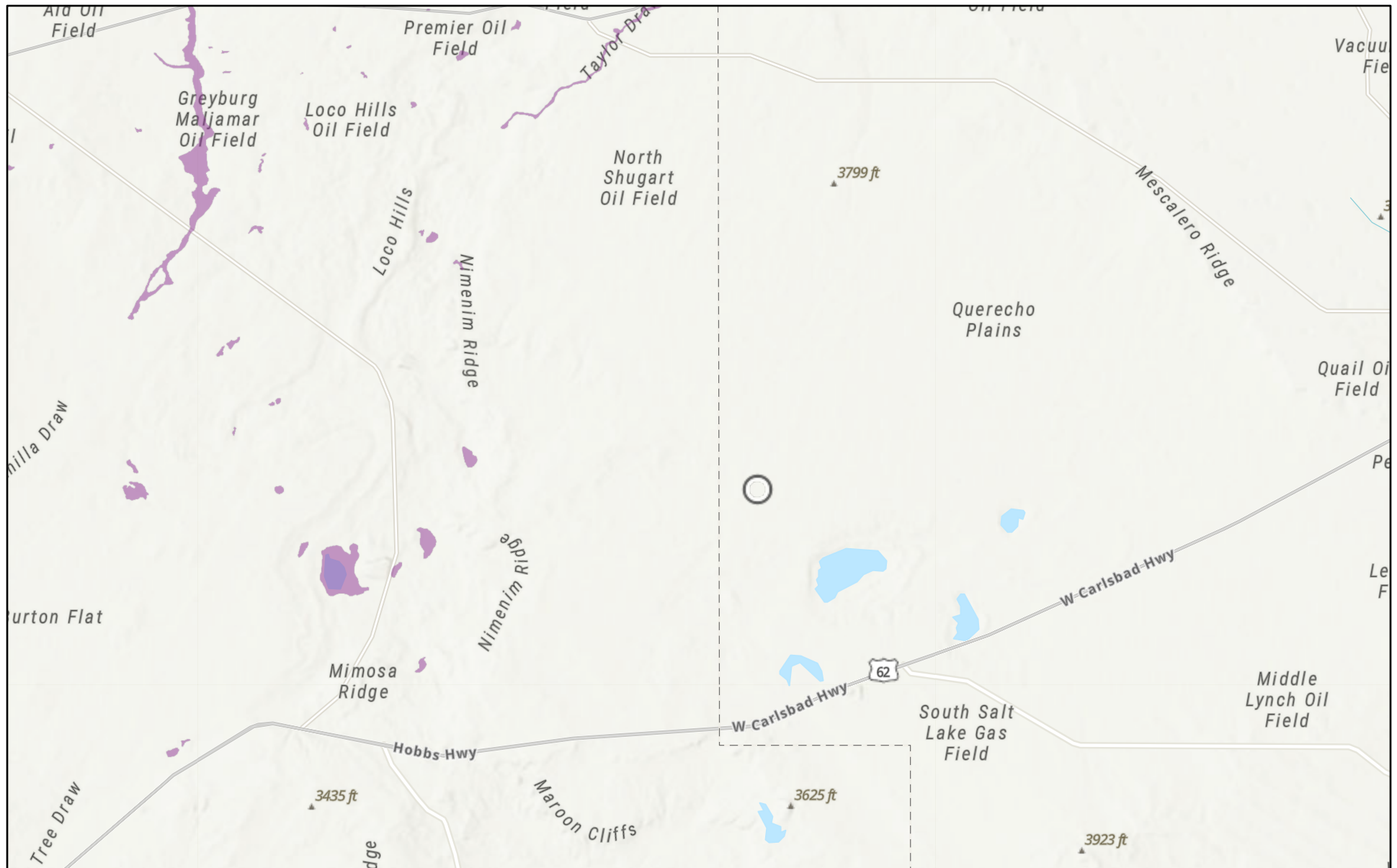


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SOUTHERN CALIFORNIA 29 FED 15H,17H (08.17.2025)

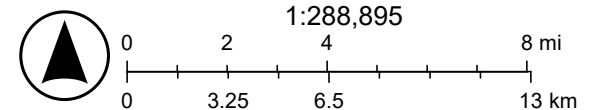


8/18/2025

USA Flood Hazard Areas

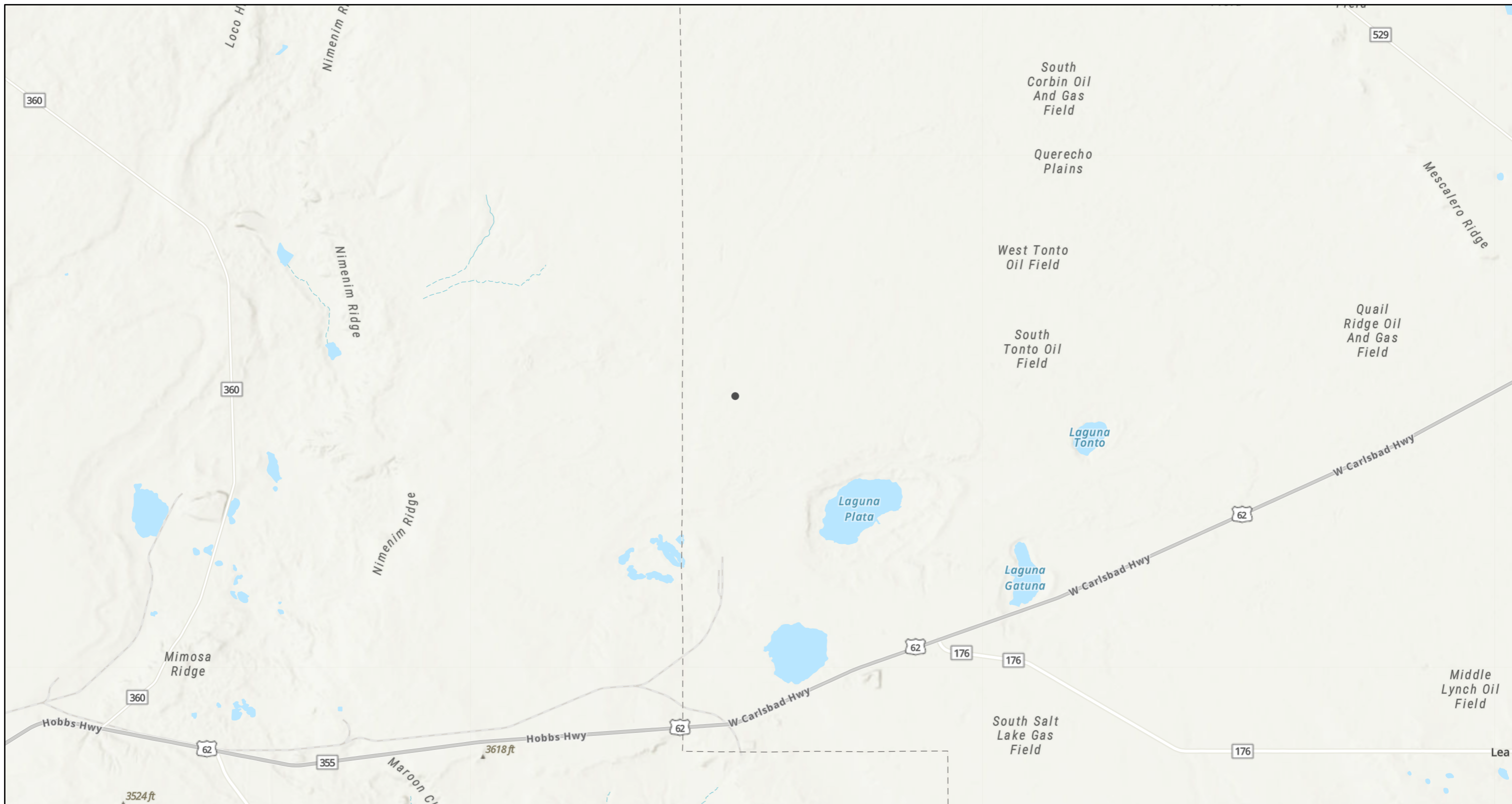
World_Hillshade

 1% Annual Chance Flood Hazard



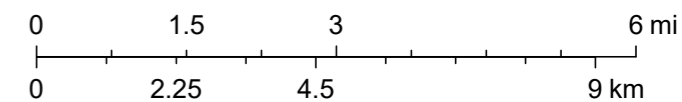
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1:144,448



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APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/14/2026 2:43:12 PM

JOB DESCRIPTION

Southern California 29 Fed 15H/17H
 Lea County New Mexico

JOB NUMBER

880-70711-1

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



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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: Southern California 29 Fed 15H/17H

Laboratory Job ID: 880-70711-1
SDG: Lea County New Mexico

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Definitions/Glossary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
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: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1

Job ID: 880-70711-1

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Job Narrative 880-70711-1

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

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

Receipt

The samples were received on 4/8/2026 11:08 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -3.5°C.

GC VOA

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-137207 and analytical batch 880-137277 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-1

Date Collected: 04/03/26 10:25

Matrix: Solid

Date Received: 04/08/26 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/08/26 12:16	04/09/26 05:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/08/26 12:16	04/09/26 05:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/08/26 12:16	04/09/26 05:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		04/08/26 12:16	04/09/26 05:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/08/26 12:16	04/09/26 05:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/08/26 12:16	04/09/26 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/08/26 12:16	04/09/26 05:08	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/08/26 12:16	04/09/26 05:08	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			04/09/26 05:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/13/26 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/26 13:15	04/13/26 13:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/26 13:15	04/13/26 13:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/26 13:15	04/13/26 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	04/08/26 13:15	04/13/26 13:26	1
o-Terphenyl (Surr)	101		70 - 130	04/08/26 13:15	04/13/26 13:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		10.0		mg/Kg			04/10/26 01:57	1

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

Lab Sample ID: 880-70711-2

Date Collected: 04/03/26 10:29

Matrix: Solid

Date Received: 04/08/26 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/08/26 12:16	04/09/26 05:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/08/26 12:16	04/09/26 05:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/08/26 12:16	04/09/26 05:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		04/08/26 12:16	04/09/26 05:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/08/26 12:16	04/09/26 05:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/08/26 12:16	04/09/26 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/08/26 12:16	04/09/26 05:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/08/26 12:16	04/09/26 05:29	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-2

Date Collected: 04/03/26 10:29

Matrix: Solid

Date Received: 04/08/26 11:08

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			04/09/26 05:29	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			04/13/26 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/26 13:15	04/13/26 13:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/26 13:15	04/13/26 13:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/26 13:15	04/13/26 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	04/08/26 13:15	04/13/26 13:41	1
o-Terphenyl (Surr)	102		70 - 130	04/08/26 13:15	04/13/26 13:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		9.92		mg/Kg			04/09/26 21:45	1

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

Lab Sample ID: 880-70711-3

Date Collected: 04/03/26 10:33

Matrix: Solid

Date Received: 04/08/26 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:16	04/09/26 05:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:16	04/09/26 05:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:16	04/09/26 05:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/26 12:16	04/09/26 05:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:16	04/09/26 05:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/26 12:16	04/09/26 05:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/08/26 12:16	04/09/26 05:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/08/26 12:16	04/09/26 05:49	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			04/09/26 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	<49.8	U	49.8		mg/Kg			04/13/26 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		04/08/26 13:15	04/13/26 13:56	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/08/26 13:15	04/13/26 13:56	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-3

Date Collected: 04/03/26 10:33

Matrix: Solid

Date Received: 04/08/26 11:08

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		04/08/26 13:15	04/13/26 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				04/08/26 13:15	04/13/26 13:56	1
o-Terphenyl (Surr)	104		70 - 130				04/08/26 13:15	04/13/26 13:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.1		10.0		mg/Kg			04/09/26 22:01	1

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

Lab Sample ID: 880-70711-4

Date Collected: 04/03/26 10:37

Matrix: Solid

Date Received: 04/08/26 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/09/26 06:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/09/26 06:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/09/26 06:10	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/26 12:16	04/09/26 06:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/09/26 06:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/26 12:16	04/09/26 06:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				04/08/26 12:16	04/09/26 06:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130				04/08/26 12:16	04/09/26 06:10	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			04/09/26 06:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/13/26 14:12	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	<50.1	U	50.1		mg/Kg		04/08/26 13:15	04/13/26 14:12	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/08/26 13:15	04/13/26 14:12	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/08/26 13:15	04/13/26 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				04/08/26 13:15	04/13/26 14:12	1
o-Terphenyl (Surr)	99		70 - 130				04/08/26 13:15	04/13/26 14:12	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.2		9.96		mg/Kg			04/09/26 22:06	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-5

Date Collected: 04/03/26 10:41

Matrix: Solid

Date Received: 04/08/26 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 08:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 08:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 08:02	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		04/08/26 12:19	04/10/26 08:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 08:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/08/26 12:19	04/10/26 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/08/26 12:19	04/10/26 08:02	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/08/26 12:19	04/10/26 08:02	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			04/10/26 08:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			04/13/26 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		04/08/26 13:15	04/13/26 14:27	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		04/08/26 13:15	04/13/26 14:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		04/08/26 13:15	04/13/26 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	04/08/26 13:15	04/13/26 14:27	1
o-Terphenyl (Surr)	102		70 - 130	04/08/26 13:15	04/13/26 14:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		9.96		mg/Kg			04/09/26 22:11	1

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

Lab Sample ID: 880-70711-6

Date Collected: 04/03/26 10:45

Matrix: Solid

Date Received: 04/08/26 11:08

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:19	04/10/26 08:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:19	04/10/26 08:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:19	04/10/26 08:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		04/08/26 12:19	04/10/26 08:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/08/26 12:19	04/10/26 08:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/08/26 12:19	04/10/26 08:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/08/26 12:19	04/10/26 08:23	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/08/26 12:19	04/10/26 08:23	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-6

Date Collected: 04/03/26 10:45

Matrix: Solid

Date Received: 04/08/26 11:08

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			04/10/26 08:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			04/13/26 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		04/08/26 13:15	04/13/26 14:42	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		04/08/26 13:15	04/13/26 14:42	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		04/08/26 13:15	04/13/26 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				04/08/26 13:15	04/13/26 14:42	1
o-Terphenyl (Surr)	102		70 - 130				04/08/26 13:15	04/13/26 14:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		10.0		mg/Kg			04/09/26 22:17	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 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)
880-70592-A-1-E MS	Matrix Spike	105	98
880-70592-A-1-F MSD	Matrix Spike Duplicate	108	100
880-70626-A-1-B MS	Matrix Spike	105	104
880-70626-A-1-C MSD	Matrix Spike Duplicate	97	101
880-70711-1	H-1 (0-0.5')	106	94
880-70711-2	H-2 (0-0.5')	101	97
880-70711-3	H-3 (0-0.5')	99	96
880-70711-4	H-4 (0-0.5')	102	93
880-70711-5	H-5 (0-0.5')	100	98
880-70711-6	H-6 (0-0.5')	100	96
LCS 880-137206/1-A	Lab Control Sample	106	100
LCS 880-137207/1-A	Lab Control Sample	104	98
LCSD 880-137206/2-A	Lab Control Sample Dup	100	101
LCSD 880-137207/2-A	Lab Control Sample Dup	112	101
MB 880-137103/5-A	Method Blank	101	94
MB 880-137205/5-A	Method Blank	96	101
MB 880-137206/5-A	Method Blank	97	94
MB 880-137207/5-A	Method Blank	96	94

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)
880-70711-1	H-1 (0-0.5')	108	101
880-70711-2	H-2 (0-0.5')	113	102
880-70711-3	H-3 (0-0.5')	110	104
880-70711-4	H-4 (0-0.5')	106	99
880-70711-5	H-5 (0-0.5')	111	102
880-70711-6	H-6 (0-0.5')	115	102
890-9754-A-1-D MS	Matrix Spike	99	104
890-9754-A-1-E MSD	Matrix Spike Duplicate	100	105
LCS 880-137213/2-A	Lab Control Sample	77	83
LCSD 880-137213/3-A	Lab Control Sample Dup	89	97
MB 880-137213/1-A	Method Blank	123	120

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-137103/5-A
 Matrix: Solid
 Analysis Batch: 137166

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137103

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/26 14:40	04/08/26 10:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/26 14:40	04/08/26 10:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/26 14:40	04/08/26 10:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/07/26 14:40	04/08/26 10:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/26 14:40	04/08/26 10:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/26 14:40	04/08/26 10:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/07/26 14:40	04/08/26 10:51	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/07/26 14:40	04/08/26 10:51	1

Lab Sample ID: MB 880-137205/5-A
 Matrix: Solid
 Analysis Batch: 137277

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137205

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/26 11:50	04/09/26 13:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/26 11:50	04/09/26 13:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/26 11:50	04/09/26 13:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/26 11:50	04/09/26 13:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/26 11:50	04/09/26 13:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/26 11:50	04/09/26 13:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/08/26 11:50	04/09/26 13:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/08/26 11:50	04/09/26 13:47	1

Lab Sample ID: MB 880-137206/5-A
 Matrix: Solid
 Analysis Batch: 137166

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/08/26 22:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/08/26 22:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/08/26 22:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/26 12:16	04/08/26 22:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:16	04/08/26 22:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/26 12:16	04/08/26 22:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/08/26 12:16	04/08/26 22:06	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/08/26 12:16	04/08/26 22:06	1

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-137206/1-A
 Matrix: Solid
 Analysis Batch: 137166

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 137206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.09415		mg/Kg		94	70 - 130	
Toluene	0.100	0.1112		mg/Kg		111	70 - 130	
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2146		mg/Kg		107	70 - 130	
o-Xylene	0.100	0.1019		mg/Kg		102	70 - 130	

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

Lab Sample ID: LCSD 880-137206/2-A
 Matrix: Solid
 Analysis Batch: 137166

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 137206

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
									RPD	Limit
Benzene	0.100	0.09624		mg/Kg		96	70 - 130	2	35	
Toluene	0.100	0.1093		mg/Kg		109	70 - 130	2	35	
Ethylbenzene	0.100	0.1013		mg/Kg		101	70 - 130	6	35	
m-Xylene & p-Xylene	0.200	0.2033		mg/Kg		102	70 - 130	5	35	
o-Xylene	0.100	0.09713		mg/Kg		97	70 - 130	5	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-70592-A-1-E MS
 Matrix: Solid
 Analysis Batch: 137166

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 137206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U	0.100	0.08284		mg/Kg		83	70 - 130	
Toluene	<0.00200	U	0.100	0.09230		mg/Kg		92	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08418		mg/Kg		84	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1639		mg/Kg		82	70 - 130	
o-Xylene	<0.00200	U	0.100	0.07646		mg/Kg		76	70 - 130	

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

Lab Sample ID: 880-70592-A-1-F MSD
 Matrix: Solid
 Analysis Batch: 137166

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 137206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
											RPD	Limit
Benzene	<0.00200	U	0.100	0.08559		mg/Kg		86	70 - 130	3	35	
Toluene	<0.00200	U	0.100	0.09646		mg/Kg		96	70 - 130	4	35	
Ethylbenzene	<0.00200	U	0.100	0.08792		mg/Kg		88	70 - 130	4	35	

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QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70592-A-1-F MSD
Matrix: Solid
Analysis Batch: 137166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137206

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	0.200	0.1732		mg/Kg		87	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.07987		mg/Kg		80	70 - 130	4	35
Surrogate	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	100		70 - 130								

Lab Sample ID: MB 880-137207/5-A
Matrix: Solid
Analysis Batch: 137277

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 137207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 00:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 00:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 00:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		04/08/26 12:19	04/10/26 00:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/08/26 12:19	04/10/26 00:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/08/26 12:19	04/10/26 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				04/08/26 12:19	04/10/26 00:26	1
1,4-Difluorobenzene (Surr)	94		70 - 130				04/08/26 12:19	04/10/26 00:26	1

Lab Sample ID: LCS 880-137207/1-A
Matrix: Solid
Analysis Batch: 137277

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08784		mg/Kg		88	70 - 130
Toluene	0.100	0.09028		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08768		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1796		mg/Kg		90	70 - 130
o-Xylene	0.100	0.09072		mg/Kg		91	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	104		70 - 130				
1,4-Difluorobenzene (Surr)	98		70 - 130				

Lab Sample ID: LCSD 880-137207/2-A
Matrix: Solid
Analysis Batch: 137277

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137207

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08899		mg/Kg		89	70 - 130	1	35
Toluene	0.100	0.09586		mg/Kg		96	70 - 130	6	35
Ethylbenzene	0.100	0.09280		mg/Kg		93	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1886		mg/Kg		94	70 - 130	5	35
o-Xylene	0.100	0.09804		mg/Kg		98	70 - 130	8	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-70626-A-1-B MS
 Matrix: Solid
 Analysis Batch: 137277

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 137207

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Benzene	<0.00200	U	0.100	0.09855		mg/Kg		99	70 - 130
Toluene	<0.00200	U	0.100	0.09165		mg/Kg		92	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09063		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1732		mg/Kg		87	70 - 130
o-Xylene	<0.00200	U	0.100	0.09422		mg/Kg		94	70 - 130

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

Lab Sample ID: 880-70626-A-1-C MSD
 Matrix: Solid
 Analysis Batch: 137277

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 137207

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08403		mg/Kg		84	70 - 130	16	35
Toluene	<0.00200	U	0.100	0.07391		mg/Kg		74	70 - 130	21	35
Ethylbenzene	<0.00200	U	0.100	0.07366		mg/Kg		74	70 - 130	21	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1374	F1	mg/Kg		69	70 - 130	23	35
o-Xylene	<0.00200	U	0.100	0.07665		mg/Kg		77	70 - 130	21	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-137213/1-A
 Matrix: Solid
 Analysis Batch: 137556

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 137213

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		04/08/26 13:15	04/13/26 09:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/26 13:15	04/13/26 09:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/26 13:15	04/13/26 09:28	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	123		70 - 130	04/08/26 13:15	04/13/26 09:28	1
o-Terphenyl (Surr)	120		70 - 130	04/08/26 13:15	04/13/26 09:28	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-137213/2-A
Matrix: Solid
Analysis Batch: 137556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 137213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	929.8		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1138		mg/Kg		114	70 - 130	
		LCS	LCS					
Surrogate	%Recovery	Qualifier	Limits					
1-Chlorooctane (Surr)	77		70 - 130					
o-Terphenyl (Surr)	83		70 - 130					

Lab Sample ID: LCSD 880-137213/3-A
Matrix: Solid
Analysis Batch: 137556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 137213

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
							Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	820.2		mg/Kg		82	70 - 130	13	20	
Diesel Range Organics (Over C10-C28)	1000	991.4		mg/Kg		99	70 - 130	14	20	
		LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	89		70 - 130							
o-Terphenyl (Surr)	97		70 - 130							

Lab Sample ID: 890-9754-A-1-D MS
Matrix: Solid
Analysis Batch: 137556

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 137213

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
									Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	842.5		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1034		mg/Kg		102	70 - 130	
		MS	MS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)	99		70 - 130							
o-Terphenyl (Surr)	104		70 - 130							

Lab Sample ID: 890-9754-A-1-E MSD
Matrix: Solid
Analysis Batch: 137556

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 137213

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	860.0		mg/Kg		84	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1048		mg/Kg		103	70 - 130	1	20	
		MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane (Surr)	100		70 - 130									

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9754-A-1-E MSD
 Matrix: Solid
 Analysis Batch: 137556

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 137213

Surrogate	%Recovery	MSD Qualifier	MSD Limits
<i>o</i> -Terphenyl (Surr)	105		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-137355/1-A
 Matrix: Solid
 Analysis Batch: 137375

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/10/26 00:07	1

Lab Sample ID: LCS 880-137355/2-A
 Matrix: Solid
 Analysis Batch: 137375

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.6		mg/Kg		95	90 - 110

Lab Sample ID: LCSD 880-137355/3-A
 Matrix: Solid
 Analysis Batch: 137375

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	238.0		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-70700-A-4-C MS
 Matrix: Solid
 Analysis Batch: 137375

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	18.5		252	261.2		mg/Kg		96	90 - 110

Lab Sample ID: 880-70700-A-4-D MSD
 Matrix: Solid
 Analysis Batch: 137375

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	18.5		252	260.5		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-137357/1-A
 Matrix: Solid
 Analysis Batch: 137376

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			04/09/26 21:30	1

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-137357/2-A
Matrix: Solid
Analysis Batch: 137376

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.6		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-137357/3-A
Matrix: Solid
Analysis Batch: 137376

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	238.2		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-70711-2 MS
Matrix: Solid
Analysis Batch: 137376

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	20.6		248	255.7		mg/Kg		95	90 - 110

Lab Sample ID: 880-70711-2 MSD
Matrix: Solid
Analysis Batch: 137376

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.6		248	256.6		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

GC VOA

Prep Batch: 137103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-137103/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 137166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Total/NA	Solid	8021B	137206
880-70711-2	H-2 (0-0.5')	Total/NA	Solid	8021B	137206
880-70711-3	H-3 (0-0.5')	Total/NA	Solid	8021B	137206
880-70711-4	H-4 (0-0.5')	Total/NA	Solid	8021B	137206
MB 880-137103/5-A	Method Blank	Total/NA	Solid	8021B	137103
MB 880-137206/5-A	Method Blank	Total/NA	Solid	8021B	137206
LCS 880-137206/1-A	Lab Control Sample	Total/NA	Solid	8021B	137206
LCSD 880-137206/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137206
880-70592-A-1-E MS	Matrix Spike	Total/NA	Solid	8021B	137206
880-70592-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137206

Prep Batch: 137205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-137205/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 137206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-70711-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-70711-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-70711-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-137206/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137206/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137206/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70592-A-1-E MS	Matrix Spike	Total/NA	Solid	5035	
880-70592-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 137207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-70711-6	H-6 (0-0.5')	Total/NA	Solid	5035	
MB 880-137207/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-137207/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-137207/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-70626-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-70626-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 137277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-5	H-5 (0-0.5')	Total/NA	Solid	8021B	137207
880-70711-6	H-6 (0-0.5')	Total/NA	Solid	8021B	137207
MB 880-137205/5-A	Method Blank	Total/NA	Solid	8021B	137205
MB 880-137207/5-A	Method Blank	Total/NA	Solid	8021B	137207
LCS 880-137207/1-A	Lab Control Sample	Total/NA	Solid	8021B	137207
LCSD 880-137207/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	137207
880-70626-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	137207
880-70626-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	137207

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QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

GC VOA

Analysis Batch: 137323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70711-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70711-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70711-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70711-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-70711-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 137213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70711-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70711-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70711-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70711-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-70711-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-137213/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-137213/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-137213/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9754-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9754-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 137556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	137213
880-70711-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	137213
880-70711-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	137213
880-70711-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	137213
880-70711-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	137213
880-70711-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	137213
MB 880-137213/1-A	Method Blank	Total/NA	Solid	8015B NM	137213
LCS 880-137213/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	137213
LCSD 880-137213/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	137213
890-9754-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	137213
890-9754-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	137213

Analysis Batch: 137744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-70711-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-70711-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-70711-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-70711-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-70711-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 137355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-137355/1-A	Method Blank	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 137355 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-137355/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137355/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70700-A-4-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-70700-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 137357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-70711-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-70711-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-70711-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-70711-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-137357/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-137357/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-137357/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-70711-2 MS	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-70711-2 MSD	H-2 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 137375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-1	H-1 (0-0.5')	Soluble	Solid	300.0	137355
MB 880-137355/1-A	Method Blank	Soluble	Solid	300.0	137355
LCS 880-137355/2-A	Lab Control Sample	Soluble	Solid	300.0	137355
LCSD 880-137355/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137355
880-70700-A-4-C MS	Matrix Spike	Soluble	Solid	300.0	137355
880-70700-A-4-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	137355

Analysis Batch: 137376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-70711-2	H-2 (0-0.5')	Soluble	Solid	300.0	137357
880-70711-3	H-3 (0-0.5')	Soluble	Solid	300.0	137357
880-70711-4	H-4 (0-0.5')	Soluble	Solid	300.0	137357
880-70711-5	H-5 (0-0.5')	Soluble	Solid	300.0	137357
880-70711-6	H-6 (0-0.5')	Soluble	Solid	300.0	137357
MB 880-137357/1-A	Method Blank	Soluble	Solid	300.0	137357
LCS 880-137357/2-A	Lab Control Sample	Soluble	Solid	300.0	137357
LCSD 880-137357/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	137357
880-70711-2 MS	H-2 (0-0.5')	Soluble	Solid	300.0	137357
880-70711-2 MSD	H-2 (0-0.5')	Soluble	Solid	300.0	137357

Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-1

Date Collected: 04/03/26 10:25

Matrix: Solid

Date Received: 04/08/26 11:08

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	137206	04/08/26 12:16	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137166	04/09/26 05:08	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137323	04/09/26 05:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			137744	04/13/26 13:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	137213	04/08/26 13:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137556	04/13/26 13:26	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137355	04/09/26 15:09	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137375	04/10/26 01:57	CS	EET MID

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

Lab Sample ID: 880-70711-2

Date Collected: 04/03/26 10:29

Matrix: Solid

Date Received: 04/08/26 11:08

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	137206	04/08/26 12:16	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137166	04/09/26 05:29	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137323	04/09/26 05:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			137744	04/13/26 13:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	137213	04/08/26 13:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137556	04/13/26 13:41	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	137357	04/09/26 15:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137376	04/09/26 21:45	CS	EET MID

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

Lab Sample ID: 880-70711-3

Date Collected: 04/03/26 10:33

Matrix: Solid

Date Received: 04/08/26 11:08

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	137206	04/08/26 12:16	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137166	04/09/26 05:49	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137323	04/09/26 05:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			137744	04/13/26 13:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	137213	04/08/26 13:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137556	04/13/26 13:56	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	137357	04/09/26 15:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137376	04/09/26 22:01	CS	EET MID

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

Lab Sample ID: 880-70711-4

Date Collected: 04/03/26 10:37

Matrix: Solid

Date Received: 04/08/26 11:08

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	137206	04/08/26 12:16	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137166	04/09/26 06:10	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137323	04/09/26 06:10	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-70711-4

Date Collected: 04/03/26 10:37

Matrix: Solid

Date Received: 04/08/26 11:08

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			137744	04/13/26 14:12	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	137213	04/08/26 13:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137556	04/13/26 14:12	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137357	04/09/26 15:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137376	04/09/26 22:06	CS	EET MID

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

Lab Sample ID: 880-70711-5

Date Collected: 04/03/26 10:41

Matrix: Solid

Date Received: 04/08/26 11:08

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	137207	04/08/26 12:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137277	04/10/26 08:02	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137323	04/10/26 08:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			137744	04/13/26 14:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	137213	04/08/26 13:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137556	04/13/26 14:27	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	137357	04/09/26 15:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137376	04/09/26 22:11	CS	EET MID

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

Lab Sample ID: 880-70711-6

Date Collected: 04/03/26 10:45

Matrix: Solid

Date Received: 04/08/26 11:08

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	137207	04/08/26 12:19	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	137277	04/10/26 08:23	SA	EET MID
Total/NA	Analysis	Total BTEX		1			137323	04/10/26 08:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			137744	04/13/26 14:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	137213	04/08/26 13:15	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	137556	04/13/26 14:42	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	137357	04/09/26 15:12	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	137376	04/09/26 22:17	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: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
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: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
 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: Southern California 29 Fed 15H/17H

Job ID: 880-70711-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-70711-1	H-1 (0-0.5')	Solid	04/03/26 10:25	04/08/26 11:08	Texas
880-70711-2	H-2 (0-0.5')	Solid	04/03/26 10:29	04/08/26 11:08	Texas
880-70711-3	H-3 (0-0.5')	Solid	04/03/26 10:33	04/08/26 11:08	Texas
880-70711-4	H-4 (0-0.5')	Solid	04/03/26 10:37	04/08/26 11:08	Texas
880-70711-5	H-5 (0-0.5')	Solid	04/03/26 10:41	04/08/26 11:08	Texas
880-70711-6	H-6 (0-0.5')	Solid	04/03/26 10:45	04/08/26 11:08	Texas

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Chain of Custody



880-70711 Chain of Custody

Page 1 of 1

Work Order Comments

Program: UST/PST PRP Brownfields RRC perfund

State of Project: Level II Level III ST/UST RRP Level IV

Reporting: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other:

Project Manager: Ashton Thielke
 Company Name: Carmona Resources
 Address: 310 W Wall St Ste 500
 City, State ZIP: Midland, TX 79701
 Phone: 432-813-8988

Bill to: (if different)
 Company Name: Laci Luig
 Address: Cimarex Energy
 600 N Mariefield St, Suite 600
 Midland, TX 79701
 Email: laci.luig@coterra.com & ThielkeA@carmonaresources.com

ANALYSIS REQUEST

Project Name: Southern California 29 Fed 15H, 17H
 Project Number: 2837
 Project Location: Lea County, New Mexico
 Sampler's Name: CMM

Turn Around
 Routine Rush
 Due Date: Standard TAT

SAMPLE RECEIPT
 Received Intact: Yes No
 Cooler Custody Seals: Yes No
 Sample Custody Seals: Yes No
 Total Containers: Yes No

Temp Blank: Yes No
 Wet Ice: Yes No
 Thermometer ID: -0.2
 Correction Factor: -3.3
 Temperature Reading: -3.5
 Corrected Temperature:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code	Sample Comments
							BTEX 8021B	Chloride 300.0		
H-1 (0-0.5')	4/3/2026	10:25	X		G	1	X	X		
H-2 (0-0.5')	4/3/2026	10:29	X		G	1	X	X		
H-3 (0-0.5')	4/3/2026	10:33	X		G	1	X	X		
H-4 (0-0.5')	4/3/2026	10:37	X		G	1	X	X		
H-5 (0-0.5')	4/3/2026	10:41	X		G	1	X	X		
H-6 (0-0.5')	4/3/2026	10:45	X		G	1	X	X		

Comments:

Relinquished by: (Signature) *[Signature]* Date/Time

Received by: (Signature) *[Signature]* Date/Time 4-7-26 1108



Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-70711-1
SDG Number: Lea County New Mexico

Login Number: 70711

List Number: 1

Creator: Dyal, Erica

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 5/15/2026 3:28:21 PM

JOB DESCRIPTION

Southern California 29 Fed 15H, 17H
 2837

JOB NUMBER

880-72281-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
5/15/2026 3:28:21 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: Southern California 29 Fed 15H, 17H

Laboratory Job ID: 880-72281-1
SDG: 2837

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Definitions/Glossary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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.

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: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1

Job ID: 880-72281-1

Eurofins Midland

Job Narrative 880-72281-1

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 5/13/2026 3:00 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 1.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1(0.5') (880-72281-1), CS-2(0.5') (880-72281-2), CS-3(0.5') (880-72281-3), CS-4(0.5') (880-72281-4), CS-5(0.5') (880-72281-5), CS-6(0.5') (880-72281-6), CS-7(0.5') (880-72281-7), CS-8(0.5') (880-72281-8), CS-9(0.5') (880-72281-9), CS-10(0.5') (880-72281-10), CS-11(0.5') (880-72281-11), CS-12(0.5') (880-72281-12) and CS-13(0.5') (880-72281-13).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1(0.5') (880-72281-1), CS-2(0.5') (880-72281-2), CS-3(0.5') (880-72281-3), CS-5(0.5') (880-72281-5), CS-6(0.5') (880-72281-6), CS-7(0.5') (880-72281-7), CS-8(0.5') (880-72281-8), CS-9(0.5') (880-72281-9), CS-10(0.5') (880-72281-10), CS-11(0.5') (880-72281-11), CS-12(0.5') (880-72281-12) and CS-13(0.5') (880-72281-13). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-140776 and analytical batch 880-140770 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-140776 and analytical batch 880-140770 was outside the upper control limits.

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-140762/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-1(0.5') (880-72281-1), CS-3(0.5') (880-72281-3), CS-6(0.5') (880-72281-6) and CS-7(0.5') (880-72281-7). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-72281-A-1-B MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike (MS) recoveries for preparation batch 880-140762 and analytical batch 880-140796 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-8(0.5') (880-72281-8), CS-9(0.5') (880-72281-9) and CS-10(0.5') (880-72281-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-11(0.5') (880-72281-11),

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Case Narrative

Client: Carmona Resources
Project: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1

Job ID: 880-72281-1 (Continued)

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CS-12(0.5') (880-72281-12) and CS-13(0.5') (880-72281-13). 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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Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
SDG: 2837

Client Sample ID: CS-1(0.5')

Lab Sample ID: 880-72281-1

Date Collected: 05/13/26 12:03

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 14:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/14/26 08:13	05/14/26 14:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/14/26 08:13	05/14/26 14:22	1
m-Xylene & p-Xylene	<0.00396	U *1 *-	0.00396		mg/Kg		05/14/26 08:13	05/14/26 14:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/14/26 08:13	05/14/26 14:22	1
Xylenes, Total	<0.00396	U *1 *-	0.00396		mg/Kg		05/14/26 08:13	05/14/26 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130	05/14/26 08:13	05/14/26 14:22	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/14/26 08:13	05/14/26 14:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/14/26 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/14/26 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 10:41	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		05/14/26 07:36	05/14/26 10:41	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 10:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	05/14/26 07:36	05/14/26 10:41	1
o-Terphenyl (Surr)	61	S1-	70 - 130	05/14/26 07:36	05/14/26 10:41	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			05/14/26 13:21	1

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-72281-2

Date Collected: 05/13/26 12:07

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 14:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 14:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 14:43	1
m-Xylene & p-Xylene	<0.00399	U *1 *-	0.00399		mg/Kg		05/14/26 08:13	05/14/26 14:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 14:43	1
Xylenes, Total	<0.00399	U *1 *-	0.00399		mg/Kg		05/14/26 08:13	05/14/26 14:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	05/14/26 08:13	05/14/26 14:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/14/26 08:13	05/14/26 14:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-72281-2

Date Collected: 05/13/26 12:07

Matrix: Solid

Date Received: 05/13/26 15:00

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			05/14/26 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/14/26 11:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 11:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 11:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 11:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				05/14/26 07:36	05/14/26 11:27	1
o-Terphenyl (Surr)	70		70 - 130				05/14/26 07:36	05/14/26 11:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/14/26 13:26	1

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-72281-3

Date Collected: 05/13/26 12:10

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 15:03	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/14/26 08:13	05/14/26 15:03	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/14/26 08:13	05/14/26 15:03	1
m-Xylene & p-Xylene	<0.00402	U *1 *-	0.00402		mg/Kg		05/14/26 08:13	05/14/26 15:03	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/14/26 08:13	05/14/26 15:03	1
Xylenes, Total	<0.00402	U *1 *-	0.00402		mg/Kg		05/14/26 08:13	05/14/26 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	456	S1+	70 - 130				05/14/26 08:13	05/14/26 15:03	1
1,4-Difluorobenzene (Surr)	111		70 - 130				05/14/26 08:13	05/14/26 15:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/14/26 15:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/14/26 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	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 11:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 11:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
SDG: 2837

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-72281-3

Date Collected: 05/13/26 12:10

Matrix: Solid

Date Received: 05/13/26 15:00

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)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				05/14/26 07:36	05/14/26 11:43	1
o-Terphenyl (Surr)	58	S1-	70 - 130				05/14/26 07:36	05/14/26 11:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			05/14/26 13:32	1

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-72281-4

Date Collected: 05/13/26 12:13

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 16:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 16:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 16:55	1
m-Xylene & p-Xylene	<0.00400	U *1 *	0.00400		mg/Kg		05/14/26 08:13	05/14/26 16:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 16:55	1
Xylenes, Total	<0.00400	U *1 *	0.00400		mg/Kg		05/14/26 08:13	05/14/26 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				05/14/26 08:13	05/14/26 16:55	1
1,4-Difluorobenzene (Surr)	90		70 - 130				05/14/26 08:13	05/14/26 16:55	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/14/26 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/14/26 11:59	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	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 11:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 11:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130				05/14/26 07:36	05/14/26 11:59	1
o-Terphenyl (Surr)	82		70 - 130				05/14/26 07:36	05/14/26 11:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			05/14/26 13:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-5(0.5')

Lab Sample ID: 880-72281-5

Date Collected: 05/13/26 12:16

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 17:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 17:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 17:15	1
m-Xylene & p-Xylene	<0.00400	U *1 *-	0.00400		mg/Kg		05/14/26 08:13	05/14/26 17:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 17:15	1
Xylenes, Total	<0.00400	U *1 *-	0.00400		mg/Kg		05/14/26 08:13	05/14/26 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	05/14/26 08:13	05/14/26 17:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/14/26 08:13	05/14/26 17:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/14/26 17:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/14/26 12:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/26 07:36	05/14/26 12:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 07:36	05/14/26 12:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/26 07:36	05/14/26 12:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	05/14/26 07:36	05/14/26 12:14	1
o-Terphenyl (Surr)	84		70 - 130	05/14/26 07:36	05/14/26 12:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/14/26 13:42	1

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-72281-6

Date Collected: 05/13/26 12:19

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 17:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/14/26 08:13	05/14/26 17:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/14/26 08:13	05/14/26 17:36	1
m-Xylene & p-Xylene	<0.00398	U *1 *-	0.00398		mg/Kg		05/14/26 08:13	05/14/26 17:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/14/26 08:13	05/14/26 17:36	1
Xylenes, Total	<0.00398	U *1 *-	0.00398		mg/Kg		05/14/26 08:13	05/14/26 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	05/14/26 08:13	05/14/26 17:36	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/14/26 08:13	05/14/26 17:36	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-72281-6

Date Collected: 05/13/26 12:19

Matrix: Solid

Date Received: 05/13/26 15:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/14/26 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/14/26 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 12:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 12:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				05/14/26 07:36	05/14/26 12:30	1
o-Terphenyl (Surr)	58	S1-	70 - 130				05/14/26 07:36	05/14/26 12:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			05/14/26 14:54	1

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-72281-7

Date Collected: 05/13/26 12:23

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 17:57	1
m-Xylene & p-Xylene	<0.00399	U *1 *-	0.00399		mg/Kg		05/14/26 08:13	05/14/26 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 17:57	1
Xylenes, Total	<0.00399	U *1 *-	0.00399		mg/Kg		05/14/26 08:13	05/14/26 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130				05/14/26 08:13	05/14/26 17:57	1
1,4-Difluorobenzene (Surr)	87		70 - 130				05/14/26 08:13	05/14/26 17:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/14/26 17:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/14/26 12:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 12:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 12:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-72281-7

Date Collected: 05/13/26 12:23

Matrix: Solid

Date Received: 05/13/26 15:00

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)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				05/14/26 07:36	05/14/26 12:46	1
o-Terphenyl (Surr)	65	S1-	70 - 130				05/14/26 07:36	05/14/26 12:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			05/14/26 14:02	1

Client Sample ID: CS-8(0.5')

Lab Sample ID: 880-72281-8

Date Collected: 05/13/26 12:27

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 18:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/14/26 08:13	05/14/26 18:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/14/26 08:13	05/14/26 18:17	1
m-Xylene & p-Xylene	<0.00402	U *1 *	0.00402		mg/Kg		05/14/26 08:13	05/14/26 18:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/14/26 08:13	05/14/26 18:17	1
Xylenes, Total	<0.00402	U *1 *	0.00402		mg/Kg		05/14/26 08:13	05/14/26 18:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				05/14/26 08:13	05/14/26 18:17	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/14/26 08:13	05/14/26 18:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/14/26 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/14/26 13:02	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	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 13:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 13:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				05/14/26 07:36	05/14/26 13:02	1
o-Terphenyl (Surr)	56	S1-	70 - 130				05/14/26 07:36	05/14/26 13:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			05/14/26 14:18	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-9(0.5')

Lab Sample ID: 880-72281-9

Date Collected: 05/13/26 12:31

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 18:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/14/26 08:13	05/14/26 18:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/14/26 08:13	05/14/26 18:38	1
m-Xylene & p-Xylene	<0.00404	U *1 *-	0.00404		mg/Kg		05/14/26 08:13	05/14/26 18:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/14/26 08:13	05/14/26 18:38	1
Xylenes, Total	<0.00404	U *1 *-	0.00404		mg/Kg		05/14/26 08:13	05/14/26 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	05/14/26 08:13	05/14/26 18:38	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/14/26 08:13	05/14/26 18:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/14/26 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/14/26 13:18	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	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 13:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 13:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/14/26 07:36	05/14/26 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	05/14/26 07:36	05/14/26 13:18	1
o-Terphenyl (Surr)	62	S1-	70 - 130	05/14/26 07:36	05/14/26 13:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			05/14/26 14:23	1

Client Sample ID: CS-10(0.5')

Lab Sample ID: 880-72281-10

Date Collected: 05/13/26 12:34

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 18:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/14/26 08:13	05/14/26 18:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/14/26 08:13	05/14/26 18:58	1
m-Xylene & p-Xylene	<0.00398	U *1 *-	0.00398		mg/Kg		05/14/26 08:13	05/14/26 18:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/14/26 08:13	05/14/26 18:58	1
Xylenes, Total	<0.00398	U *1 *-	0.00398		mg/Kg		05/14/26 08:13	05/14/26 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	05/14/26 08:13	05/14/26 18:58	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/14/26 08:13	05/14/26 18:58	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-10(0.5')

Lab Sample ID: 880-72281-10

Date Collected: 05/13/26 12:34

Matrix: Solid

Date Received: 05/13/26 15:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/14/26 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/14/26 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/14/26 07:36	05/14/26 13:34	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/14/26 07:36	05/14/26 13:34	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/14/26 07:36	05/14/26 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	05/14/26 07:36	05/14/26 13:34	1
o-Terphenyl (Surr)	63	S1-	70 - 130	05/14/26 07:36	05/14/26 13:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			05/14/26 14:28	1

Client Sample ID: CS-11(0.5')

Lab Sample ID: 880-72281-11

Date Collected: 05/13/26 12:38

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 19:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/14/26 08:13	05/14/26 19:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/14/26 08:13	05/14/26 19:19	1
m-Xylene & p-Xylene	<0.00404	U *1 *-	0.00404		mg/Kg		05/14/26 08:13	05/14/26 19:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/14/26 08:13	05/14/26 19:19	1
Xylenes, Total	<0.00404	U *1 *-	0.00404		mg/Kg		05/14/26 08:13	05/14/26 19:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	184	S1+	70 - 130	05/14/26 08:13	05/14/26 19:19	1
1,4-Difluorobenzene (Surr)	103		70 - 130	05/14/26 08:13	05/14/26 19:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/14/26 19:19	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			05/14/26 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:05	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:05	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-11(0.5')

Lab Sample ID: 880-72281-11

Date Collected: 05/13/26 12:38

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 07:36	05/14/26 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				05/14/26 07:36	05/14/26 14:05	1
o-Terphenyl (Surr)	64	S1-	70 - 130				05/14/26 07:36	05/14/26 14:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			05/14/26 14:33	1

Client Sample ID: CS-12(0.5')

Lab Sample ID: 880-72281-12

Date Collected: 05/13/26 12:42

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 19:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 19:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 19:39	1
m-Xylene & p-Xylene	<0.00400	U *1 *	0.00400		mg/Kg		05/14/26 08:13	05/14/26 19:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 19:39	1
Xylenes, Total	<0.00400	U *1 *	0.00400		mg/Kg		05/14/26 08:13	05/14/26 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				05/14/26 08:13	05/14/26 19:39	1
1,4-Difluorobenzene (Surr)	93		70 - 130				05/14/26 08:13	05/14/26 19:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/14/26 19:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/14/26 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:21	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:21	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				05/14/26 07:36	05/14/26 14:21	1
o-Terphenyl (Surr)	68	S1-	70 - 130				05/14/26 07:36	05/14/26 14:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/14/26 14:38	1

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Client Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-13(0.5')

Lab Sample ID: 880-72281-13

Date Collected: 05/13/26 12:46

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:13	05/14/26 20:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 20:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 20:00	1
m-Xylene & p-Xylene	<0.00400	U *1 *-	0.00400		mg/Kg		05/14/26 08:13	05/14/26 20:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 20:00	1
Xylenes, Total	<0.00400	U *1 *-	0.00400		mg/Kg		05/14/26 08:13	05/14/26 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	05/14/26 08:13	05/14/26 20:00	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/14/26 08:13	05/14/26 20:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/14/26 20:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/14/26 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/14/26 07:36	05/14/26 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	05/14/26 07:36	05/14/26 14:37	1
o-Terphenyl (Surr)	67	S1-	70 - 130	05/14/26 07:36	05/14/26 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/14/26 14:43	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

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)
880-72281-1	CS-1(0.5')	135 S1+	98
880-72281-2	CS-2(0.5')	147 S1+	102
880-72281-3	CS-3(0.5')	456 S1+	111
880-72281-4	CS-4(0.5')	104	90
880-72281-5	CS-5(0.5')	142 S1+	95
880-72281-6	CS-6(0.5')	154 S1+	99
880-72281-7	CS-7(0.5')	139 S1+	87
880-72281-8	CS-8(0.5')	135 S1+	95
880-72281-9	CS-9(0.5')	136 S1+	89
880-72281-10	CS-10(0.5')	148 S1+	99
880-72281-11	CS-11(0.5')	184 S1+	103
880-72281-12	CS-12(0.5')	150 S1+	93
880-72281-13	CS-13(0.5')	155 S1+	100
890-9919-A-1-G MS	Matrix Spike	118	98
890-9919-A-1-H MSD	Matrix Spike Duplicate	105	112
LCS 880-140776/1-A	Lab Control Sample	90	115
LCSD 880-140776/2-A	Lab Control Sample Dup	115	99
MB 880-140776/5-A	Method Blank	290 S1+	122

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)
880-72281-1	CS-1(0.5')	97	61 S1-
880-72281-1 MS	CS-1(0.5')	92	63 S1-
880-72281-1 MSD	CS-1(0.5')	98	75
880-72281-2	CS-2(0.5')	104	70
880-72281-3	CS-3(0.5')	87	58 S1-
880-72281-4	CS-4(0.5')	105	82
880-72281-5	CS-5(0.5')	104	84
880-72281-6	CS-6(0.5')	89	58 S1-
880-72281-7	CS-7(0.5')	96	65 S1-
880-72281-8	CS-8(0.5')	78	56 S1-
880-72281-9	CS-9(0.5')	92	62 S1-
880-72281-10	CS-10(0.5')	101	63 S1-
880-72281-11	CS-11(0.5')	92	64 S1-
880-72281-12	CS-12(0.5')	101	68 S1-
880-72281-13	CS-13(0.5')	103	67 S1-
LCS 880-140762/2-A	Lab Control Sample	93	72
LCSD 880-140762/3-A	Lab Control Sample Dup	96	73
MB 880-140762/1-A	Method Blank	136 S1+	89

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

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QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-140776/5-A
 Matrix: Solid
 Analysis Batch: 140770

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140776

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 11:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/14/26 08:13	05/14/26 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:13	05/14/26 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 08:13	05/14/26 11:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	290	S1+	70 - 130	05/14/26 08:13	05/14/26 11:29	1
1,4-Difluorobenzene (Surr)	122		70 - 130	05/14/26 08:13	05/14/26 11:29	1

Lab Sample ID: LCS 880-140776/1-A
 Matrix: Solid
 Analysis Batch: 140770

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 140776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1000		mg/Kg		100	70 - 130
Toluene	0.100	0.08476		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.1135		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.09278	*-	mg/Kg		46	70 - 130
o-Xylene	0.100	0.09548		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-140776/2-A
 Matrix: Solid
 Analysis Batch: 140770

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 140776

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1084		mg/Kg		108	70 - 130	8	35
Toluene	0.100	0.09047		mg/Kg		90	70 - 130	7	35
Ethylbenzene	0.100	0.09974		mg/Kg		100	70 - 130	13	35
m-Xylene & p-Xylene	0.200	0.2225	*1	mg/Kg		111	70 - 130	82	35
o-Xylene	0.100	0.1123		mg/Kg		112	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 890-9919-A-1-G MS
 Matrix: Solid
 Analysis Batch: 140770

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 140776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09001		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.07625		mg/Kg		76	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

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

Lab Sample ID: 890-9919-A-1-G MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140770

Prep Batch: 140776

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.08022		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00399	U *1 *	0.200	0.1716		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08757		mg/Kg		88	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9919-A-1-H MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140770

Prep Batch: 140776

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08878		mg/Kg		89	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.07214		mg/Kg		72	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.07280		mg/Kg		73	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U *1 *	0.200	0.1575		mg/Kg		79	70 - 130	9	35
o-Xylene	<0.00200	U	0.100	0.07942		mg/Kg		79	70 - 130	10	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

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

Lab Sample ID: MB 880-140762/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140796

Prep Batch: 140762

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		05/14/26 07:36	05/14/26 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 08:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	136	S1+	70 - 130	05/14/26 07:36	05/14/26 08:11	1
o-Terphenyl (Surr)	89		70 - 130	05/14/26 07:36	05/14/26 08:11	1

Lab Sample ID: LCS 880-140762/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140796

Prep Batch: 140762

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	979.8		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	815.5		mg/Kg		82	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

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

Lab Sample ID: LCS 880-140762/2-A
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140762

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	72		70 - 130

Lab Sample ID: LCSD 880-140762/3-A
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 140762

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	984.7		mg/Kg		98	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	811.1		mg/Kg		81	70 - 130	1		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	73		70 - 130

Lab Sample ID: 880-72281-1 MS
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: CS-1(0.5')
Prep Type: Total/NA
Prep Batch: 140762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	849.4		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	627.0	F1	mg/Kg		63	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	63	S1-	70 - 130

Lab Sample ID: 880-72281-1 MSD
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: CS-1(0.5')
Prep Type: Total/NA
Prep Batch: 140762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	875.2		mg/Kg		85	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	716.1		mg/Kg		72	70 - 130	13		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	75		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140781/1-A
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/14/26 12:15	1

Lab Sample ID: LCS 880-140781/2-A
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.4		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-140781/3-A
 Matrix: Solid
 Analysis Batch: 140798

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.3		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-72281-5 MS
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: CS-5(0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	250	251.4		mg/Kg		100	90 - 110

Lab Sample ID: 880-72281-5 MSD
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: CS-5(0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	250	247.4		mg/Kg		98	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

GC VOA

Analysis Batch: 140770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Total/NA	Solid	8021B	140776
880-72281-2	CS-2(0.5')	Total/NA	Solid	8021B	140776
880-72281-3	CS-3(0.5')	Total/NA	Solid	8021B	140776
880-72281-4	CS-4(0.5')	Total/NA	Solid	8021B	140776
880-72281-5	CS-5(0.5')	Total/NA	Solid	8021B	140776
880-72281-6	CS-6(0.5')	Total/NA	Solid	8021B	140776
880-72281-7	CS-7(0.5')	Total/NA	Solid	8021B	140776
880-72281-8	CS-8(0.5')	Total/NA	Solid	8021B	140776
880-72281-9	CS-9(0.5')	Total/NA	Solid	8021B	140776
880-72281-10	CS-10(0.5')	Total/NA	Solid	8021B	140776
880-72281-11	CS-11(0.5')	Total/NA	Solid	8021B	140776
880-72281-12	CS-12(0.5')	Total/NA	Solid	8021B	140776
880-72281-13	CS-13(0.5')	Total/NA	Solid	8021B	140776
MB 880-140776/5-A	Method Blank	Total/NA	Solid	8021B	140776
LCS 880-140776/1-A	Lab Control Sample	Total/NA	Solid	8021B	140776
LCSD 880-140776/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140776
890-9919-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	140776
890-9919-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140776

Prep Batch: 140776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Total/NA	Solid	5035	
880-72281-2	CS-2(0.5')	Total/NA	Solid	5035	
880-72281-3	CS-3(0.5')	Total/NA	Solid	5035	
880-72281-4	CS-4(0.5')	Total/NA	Solid	5035	
880-72281-5	CS-5(0.5')	Total/NA	Solid	5035	
880-72281-6	CS-6(0.5')	Total/NA	Solid	5035	
880-72281-7	CS-7(0.5')	Total/NA	Solid	5035	
880-72281-8	CS-8(0.5')	Total/NA	Solid	5035	
880-72281-9	CS-9(0.5')	Total/NA	Solid	5035	
880-72281-10	CS-10(0.5')	Total/NA	Solid	5035	
880-72281-11	CS-11(0.5')	Total/NA	Solid	5035	
880-72281-12	CS-12(0.5')	Total/NA	Solid	5035	
880-72281-13	CS-13(0.5')	Total/NA	Solid	5035	
MB 880-140776/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140776/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140776/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9919-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-9919-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 140992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Total/NA	Solid	Total BTEX	
880-72281-2	CS-2(0.5')	Total/NA	Solid	Total BTEX	
880-72281-3	CS-3(0.5')	Total/NA	Solid	Total BTEX	
880-72281-4	CS-4(0.5')	Total/NA	Solid	Total BTEX	
880-72281-5	CS-5(0.5')	Total/NA	Solid	Total BTEX	
880-72281-6	CS-6(0.5')	Total/NA	Solid	Total BTEX	
880-72281-7	CS-7(0.5')	Total/NA	Solid	Total BTEX	
880-72281-8	CS-8(0.5')	Total/NA	Solid	Total BTEX	
880-72281-9	CS-9(0.5')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

GC VOA (Continued)

Analysis Batch: 140992 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-10	CS-10(0.5')	Total/NA	Solid	Total BTEX	
880-72281-11	CS-11(0.5')	Total/NA	Solid	Total BTEX	
880-72281-12	CS-12(0.5')	Total/NA	Solid	Total BTEX	
880-72281-13	CS-13(0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 140762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-2	CS-2(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-3	CS-3(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-4	CS-4(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-5	CS-5(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-6	CS-6(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-7	CS-7(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-8	CS-8(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-9	CS-9(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-10	CS-10(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-11	CS-11(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-12	CS-12(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-13	CS-13(0.5')	Total/NA	Solid	8015NM Prep	
MB 880-140762/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140762/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72281-1 MS	CS-1(0.5')	Total/NA	Solid	8015NM Prep	
880-72281-1 MSD	CS-1(0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-2	CS-2(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-3	CS-3(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-4	CS-4(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-5	CS-5(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-6	CS-6(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-7	CS-7(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-8	CS-8(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-9	CS-9(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-10	CS-10(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-11	CS-11(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-12	CS-12(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-13	CS-13(0.5')	Total/NA	Solid	8015B NM	140762
MB 880-140762/1-A	Method Blank	Total/NA	Solid	8015B NM	140762
LCS 880-140762/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140762
LCSD 880-140762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140762
880-72281-1 MS	CS-1(0.5')	Total/NA	Solid	8015B NM	140762
880-72281-1 MSD	CS-1(0.5')	Total/NA	Solid	8015B NM	140762

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

GC Semi VOA

Analysis Batch: 140869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Total/NA	Solid	8015 NM	
880-72281-2	CS-2(0.5')	Total/NA	Solid	8015 NM	
880-72281-3	CS-3(0.5')	Total/NA	Solid	8015 NM	
880-72281-4	CS-4(0.5')	Total/NA	Solid	8015 NM	
880-72281-5	CS-5(0.5')	Total/NA	Solid	8015 NM	
880-72281-6	CS-6(0.5')	Total/NA	Solid	8015 NM	
880-72281-7	CS-7(0.5')	Total/NA	Solid	8015 NM	
880-72281-8	CS-8(0.5')	Total/NA	Solid	8015 NM	
880-72281-9	CS-9(0.5')	Total/NA	Solid	8015 NM	
880-72281-10	CS-10(0.5')	Total/NA	Solid	8015 NM	
880-72281-11	CS-11(0.5')	Total/NA	Solid	8015 NM	
880-72281-12	CS-12(0.5')	Total/NA	Solid	8015 NM	
880-72281-13	CS-13(0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 140781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Soluble	Solid	DI Leach	
880-72281-2	CS-2(0.5')	Soluble	Solid	DI Leach	
880-72281-3	CS-3(0.5')	Soluble	Solid	DI Leach	
880-72281-4	CS-4(0.5')	Soluble	Solid	DI Leach	
880-72281-5	CS-5(0.5')	Soluble	Solid	DI Leach	
880-72281-6	CS-6(0.5')	Soluble	Solid	DI Leach	
880-72281-7	CS-7(0.5')	Soluble	Solid	DI Leach	
880-72281-8	CS-8(0.5')	Soluble	Solid	DI Leach	
880-72281-9	CS-9(0.5')	Soluble	Solid	DI Leach	
880-72281-10	CS-10(0.5')	Soluble	Solid	DI Leach	
880-72281-11	CS-11(0.5')	Soluble	Solid	DI Leach	
880-72281-12	CS-12(0.5')	Soluble	Solid	DI Leach	
880-72281-13	CS-13(0.5')	Soluble	Solid	DI Leach	
MB 880-140781/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140781/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-140781/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-72281-5 MS	CS-5(0.5')	Soluble	Solid	DI Leach	
880-72281-5 MSD	CS-5(0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 140798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-1	CS-1(0.5')	Soluble	Solid	300.0	140781
880-72281-2	CS-2(0.5')	Soluble	Solid	300.0	140781
880-72281-3	CS-3(0.5')	Soluble	Solid	300.0	140781
880-72281-4	CS-4(0.5')	Soluble	Solid	300.0	140781
880-72281-5	CS-5(0.5')	Soluble	Solid	300.0	140781
880-72281-6	CS-6(0.5')	Soluble	Solid	300.0	140781
880-72281-7	CS-7(0.5')	Soluble	Solid	300.0	140781
880-72281-8	CS-8(0.5')	Soluble	Solid	300.0	140781
880-72281-9	CS-9(0.5')	Soluble	Solid	300.0	140781
880-72281-10	CS-10(0.5')	Soluble	Solid	300.0	140781
880-72281-11	CS-11(0.5')	Soluble	Solid	300.0	140781
880-72281-12	CS-12(0.5')	Soluble	Solid	300.0	140781

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
SDG: 2837

HPLC/IC (Continued)

Analysis Batch: 140798 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-13	CS-13(0.5')	Soluble	Solid	300.0	140781
MB 880-140781/1-A	Method Blank	Soluble	Solid	300.0	140781
LCS 880-140781/2-A	Lab Control Sample	Soluble	Solid	300.0	140781
LCSD 880-140781/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140781
880-72281-5 MS	CS-5(0.5')	Soluble	Solid	300.0	140781
880-72281-5 MSD	CS-5(0.5')	Soluble	Solid	300.0	140781

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-1(0.5')

Lab Sample ID: 880-72281-1

Date Collected: 05/13/26 12:03

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 14:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 14:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 10:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 10:41	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 13:21	SMC	EET MID

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-72281-2

Date Collected: 05/13/26 12:07

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 14:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 14:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 11:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 11:27	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 13:26	SMC	EET MID

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-72281-3

Date Collected: 05/13/26 12:10

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 15:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 15:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 11:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 11:43	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 13:32	SMC	EET MID

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-72281-4

Date Collected: 05/13/26 12:13

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 16:55	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-72281-4

Date Collected: 05/13/26 12:13

Matrix: Solid

Date Received: 05/13/26 15:00

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			140869	05/14/26 11:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 11:59	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 13:37	SMC	EET MID

Client Sample ID: CS-5(0.5')

Lab Sample ID: 880-72281-5

Date Collected: 05/13/26 12:16

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 17:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 12:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 12:14	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 13:42	SMC	EET MID

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-72281-6

Date Collected: 05/13/26 12:19

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 17:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 12:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 12:30	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:54	SMC	EET MID

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-72281-7

Date Collected: 05/13/26 12:23

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 17:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 12:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 12:46	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-72281-7

Date Collected: 05/13/26 12:23

Matrix: Solid

Date Received: 05/13/26 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:02	SMC	EET MID

Client Sample ID: CS-8(0.5')

Lab Sample ID: 880-72281-8

Date Collected: 05/13/26 12:27

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 18:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 18:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 13:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 13:02	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:18	SMC	EET MID

Client Sample ID: CS-9(0.5')

Lab Sample ID: 880-72281-9

Date Collected: 05/13/26 12:31

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 18:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 13:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 13:18	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:23	SMC	EET MID

Client Sample ID: CS-10(0.5')

Lab Sample ID: 880-72281-10

Date Collected: 05/13/26 12:34

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 18:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 18:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 13:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 13:34	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:28	SMC	EET MID

Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
 SDG: 2837

Client Sample ID: CS-11(0.5')

Lab Sample ID: 880-72281-11

Date Collected: 05/13/26 12:38

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 19:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 14:05	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 14:05	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:33	SMC	EET MID

Client Sample ID: CS-12(0.5')

Lab Sample ID: 880-72281-12

Date Collected: 05/13/26 12:42

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 19:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 14:21	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 14:21	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:38	SMC	EET MID

Client Sample ID: CS-13(0.5')

Lab Sample ID: 880-72281-13

Date Collected: 05/13/26 12:46

Matrix: Solid

Date Received: 05/13/26 15:00

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	140776	05/14/26 08:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140770	05/14/26 20:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140992	05/14/26 20:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			140869	05/14/26 14:37	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 14:37	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:43	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
SDG: 2837

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
SDG: 2837

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: Southern California 29 Fed 15H, 17H

Job ID: 880-72281-1
SDG: 2837

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72281-1	CS-1(0.5')	Solid	05/13/26 12:03	05/13/26 15:00	Texas
880-72281-2	CS-2(0.5')	Solid	05/13/26 12:07	05/13/26 15:00	Texas
880-72281-3	CS-3(0.5')	Solid	05/13/26 12:10	05/13/26 15:00	Texas
880-72281-4	CS-4(0.5')	Solid	05/13/26 12:13	05/13/26 15:00	Texas
880-72281-5	CS-5(0.5')	Solid	05/13/26 12:16	05/13/26 15:00	Texas
880-72281-6	CS-6(0.5')	Solid	05/13/26 12:19	05/13/26 15:00	Texas
880-72281-7	CS-7(0.5')	Solid	05/13/26 12:23	05/13/26 15:00	Texas
880-72281-8	CS-8(0.5')	Solid	05/13/26 12:27	05/13/26 15:00	Texas
880-72281-9	CS-9(0.5')	Solid	05/13/26 12:31	05/13/26 15:00	Texas
880-72281-10	CS-10(0.5')	Solid	05/13/26 12:34	05/13/26 15:00	Texas
880-72281-11	CS-11(0.5')	Solid	05/13/26 12:38	05/13/26 15:00	Texas
880-72281-12	CS-12(0.5')	Solid	05/13/26 12:42	05/13/26 15:00	Texas
880-72281-13	CS-13(0.5')	Solid	05/13/26 12:46	05/13/26 15:00	Texas

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Chain of Custody

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880-72281 Chain of Custody

880-72281 COC



Page 1 of 2

Project Manager:	Ashion Thieke	Bill to: (if different)	Laci Luig
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Mainfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coiera.com & ThiekeA@camonaresources.com

Work Order Comments	
Program: USTR/ST	<input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Refund
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:

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
CS-1 (0.25) 0.5' (q)	5/13/2026	12:03	X		Comp	1	X	X	X	None: NO DI Water: H ₂ O
CS-2 (0.25) 0.5' (q)	5/13/2026	12:07	X		Comp	1	X	X	X	Cool: Cool MeOH: Me
CS-3 (0.25) 0.5' (q)	5/13/2026	12:10	X		Comp	1	X	X	X	HCL: HC HNO ₃ : HN
CS-4 (0.25) 0.5' (q)	5/13/2026	12:13	X		Comp	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
CS-5 (0.25) 0.5' (q)	5/13/2026	12:16	X		Comp	1	X	X	X	H ₃ PO ₄ : HP Hold
CS-6 (0.25) 0.5' (q)	5/13/2026	12:19	X		Comp	1	X	X	X	NAHSO ₄ : NABIS Na ₂ S ₂ O ₅ : NASO ₅
CS-7 (0.25) 0.5' (q)	5/13/2026	12:23	X		Comp	1	X	X	X	Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-8 (0.25) 0.5' (q)	5/13/2026	12:27	X		Comp	1	X	X	X	
CS-9 (0.25) 0.5' (q)	5/13/2026	12:31	X		Comp	1	X	X	X	
CS-10 (0.25) 0.5' (q)	5/13/2026	12:34	X		Comp	1	X	X	X	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/13/26 1500		5/13/26 1500

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72281-1

SDG Number: 2837

Login Number: 72281

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 5/14/2026 4:47:51 PM

JOB DESCRIPTION

Southern California 29 Fed 15H, 17H
 2837

JOB NUMBER

880-72285-1

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



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

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Laboratory Job ID: 880-72285-1
SDG: 2837

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Definitions/Glossary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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.

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: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1

Job ID: 880-72285-1

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Job Narrative 880-72285-1

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 sample was received on 5/13/2026 3:00 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill Sample (880-72285-1).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: Backfill Sample (880-72285-1). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-140774/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-140774 and analytical batch 880-140766 was outside the upper control limits.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-140774 and analytical batch 880-140766 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Diesel Range Organics

Method 8015B NM: The matrix spike (MS) recoveries for preparation batch 880-140762 and analytical batch 880-140796 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-72281-A-1-A) and (880-72281-A-1-B MS). 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: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

Client Sample ID: Backfill Sample

Lab Sample ID: 880-72285-1

Date Collected: 05/13/26 12:53

Matrix: Solid

Date Received: 05/13/26 15:00

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		05/14/26 08:12	05/14/26 14:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 14:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 14:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/14/26 08:12	05/14/26 14:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 14:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 08:12	05/14/26 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	05/14/26 08:12	05/14/26 14:04	1
1,4-Difluorobenzene (Surr)	116		70 - 130	05/14/26 08:12	05/14/26 14:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/14/26 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/14/26 14:53	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	<50.2	U	50.2		mg/Kg		05/14/26 07:36	05/14/26 14:53	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/14/26 07:36	05/14/26 14:53	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/14/26 07:36	05/14/26 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130	05/14/26 07:36	05/14/26 14:53	1
o-Terphenyl (Surr)	77		70 - 130	05/14/26 07:36	05/14/26 14:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			05/14/26 14:49	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

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)
880-72285-1	Backfill Sample	150 S1+	116
890-9920-A-1-G MS	Matrix Spike	119	105
890-9920-A-1-H MSD	Matrix Spike Duplicate	127	110
LCS 880-140774/1-A	Lab Control Sample	112	86
LCSD 880-140774/2-A	Lab Control Sample Dup	131 S1+	106
MB 880-140774/5-A	Method Blank	140 S1+	99

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)
880-72281-A-1-B MS	Matrix Spike	92	63 S1-
880-72281-A-1-C MSD	Matrix Spike Duplicate	98	75
880-72285-1	Backfill Sample	109	77
LCS 880-140762/2-A	Lab Control Sample	93	72
LCSD 880-140762/3-A	Lab Control Sample Dup	96	73
MB 880-140762/1-A	Method Blank	136 S1+	89

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-140774/5-A
 Matrix: Solid
 Analysis Batch: 140766

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 140774

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 11:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 11:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 11:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		05/14/26 08:12	05/14/26 11:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/14/26 08:12	05/14/26 11:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/14/26 08:12	05/14/26 11:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	05/14/26 08:12	05/14/26 11:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/14/26 08:12	05/14/26 11:08	1

Lab Sample ID: LCS 880-140774/1-A
 Matrix: Solid
 Analysis Batch: 140766

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 140774

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1076		mg/Kg		108	70 - 130
Toluene	0.100	0.1021		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.09015		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1872		mg/Kg		94	70 - 130
o-Xylene	0.100	0.08522		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-140774/2-A
 Matrix: Solid
 Analysis Batch: 140766

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 140774

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1177		mg/Kg		118	70 - 130	9	35
Toluene	0.100	0.1204		mg/Kg		120	70 - 130	16	35
Ethylbenzene	0.100	0.1113		mg/Kg		111	70 - 130	21	35
m-Xylene & p-Xylene	0.200	0.2199		mg/Kg		110	70 - 130	16	35
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	18	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-9920-A-1-G MS
 Matrix: Solid
 Analysis Batch: 140766

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 140774

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09342		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.09164		mg/Kg		92	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

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

Lab Sample ID: 890-9920-A-1-G MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140766

Prep Batch: 140774

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.07846		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1643		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.07226		mg/Kg		72	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 890-9920-A-1-H MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140766

Prep Batch: 140774

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09660		mg/Kg		97	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08387		mg/Kg		84	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.100	0.07700		mg/Kg		77	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1581		mg/Kg		79	70 - 130	4	35
o-Xylene	<0.00200	U F1	0.100	0.06744	F1	mg/Kg		67	70 - 130	7	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

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

Lab Sample ID: MB 880-140762/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140796

Prep Batch: 140762

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		05/14/26 07:36	05/14/26 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/14/26 07:36	05/14/26 08:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	136	S1+	70 - 130	05/14/26 07:36	05/14/26 08:11	1
o-Terphenyl (Surr)	89		70 - 130	05/14/26 07:36	05/14/26 08:11	1

Lab Sample ID: LCS 880-140762/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 140796

Prep Batch: 140762

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
Gasoline Range Organics (GRO)-C6-C10	1000	979.8		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	815.5		mg/Kg		82	70 - 130

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QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
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Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-140762/2-A
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 140762

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	72		70 - 130

Lab Sample ID: LCSD 880-140762/3-A
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 140762

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	984.7		mg/Kg		98	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	811.1		mg/Kg		81	70 - 130	1		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	73		70 - 130

Lab Sample ID: 880-72281-A-1-B MS
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 140762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	849.4		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	627.0	F1	mg/Kg		63	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	63	S1-	70 - 130

Lab Sample ID: 880-72281-A-1-C MSD
Matrix: Solid
Analysis Batch: 140796

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 140762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	875.2		mg/Kg		85	70 - 130	3		20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	1000	716.1		mg/Kg		72	70 - 130	13		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	75		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-140781/1-A
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/14/26 12:15	1

Lab Sample ID: LCS 880-140781/2-A
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	239.4		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-140781/3-A
 Matrix: Solid
 Analysis Batch: 140798

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	237.3		mg/Kg		95	90 - 110	1	20

Lab Sample ID: 880-72281-A-5-D MS
 Matrix: Solid
 Analysis Batch: 140798

Client Sample ID: Matrix Spike
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	250	251.4		mg/Kg		100	90 - 110

Lab Sample ID: 880-72281-A-5-E MSD
 Matrix: Solid
 Analysis Batch: 140798

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	<10.0	U	250	247.4		mg/Kg		98	90 - 110	2	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

GC VOA

Analysis Batch: 140766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Total/NA	Solid	8021B	140774
MB 880-140774/5-A	Method Blank	Total/NA	Solid	8021B	140774
LCS 880-140774/1-A	Lab Control Sample	Total/NA	Solid	8021B	140774
LCSD 880-140774/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	140774
890-9920-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	140774
890-9920-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	140774

Prep Batch: 140774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Total/NA	Solid	5035	
MB 880-140774/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-140774/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-140774/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9920-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
890-9920-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 140882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 140762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Total/NA	Solid	8015NM Prep	
MB 880-140762/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-140762/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-140762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-72281-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-72281-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 140796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Total/NA	Solid	8015B NM	140762
MB 880-140762/1-A	Method Blank	Total/NA	Solid	8015B NM	140762
LCS 880-140762/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	140762
LCSD 880-140762/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	140762
880-72281-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	140762
880-72281-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	140762

Analysis Batch: 140901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 140781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Soluble	Solid	DI Leach	
MB 880-140781/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-140781/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-140781/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

HPLC/IC (Continued)

Leach Batch: 140781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72281-A-5-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-72281-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 140798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-72285-1	Backfill Sample	Soluble	Solid	300.0	140781
MB 880-140781/1-A	Method Blank	Soluble	Solid	300.0	140781
LCS 880-140781/2-A	Lab Control Sample	Soluble	Solid	300.0	140781
LCSD 880-140781/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	140781
880-72281-A-5-D MS	Matrix Spike	Soluble	Solid	300.0	140781
880-72281-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	140781

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Lab Chronicle

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

Client Sample ID: Backfill Sample

Lab Sample ID: 880-72285-1

Date Collected: 05/13/26 12:53

Matrix: Solid

Date Received: 05/13/26 15:00

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	140774	05/14/26 08:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	140766	05/14/26 14:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			140882	05/14/26 14:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			140901	05/14/26 14:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	140762	05/14/26 07:36	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	140796	05/14/26 14:53	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	140781	05/14/26 08:46	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	140798	05/14/26 14:49	SMC	EET MID

Laboratory References:

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
SDG: 2837

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26
The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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Method Summary

Client: Carmona Resources
 Project/Site: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
 SDG: 2837

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: Southern California 29 Fed 15H, 17H

Job ID: 880-72285-1
SDG: 2837

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-72285-1	Backfill Sample	Solid	05/13/26 12:53	05/13/26 15:00	Texas

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-72285-1

SDG Number: 2837

Login Number: 72285

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

QUESTIONS

Action 586729

QUESTIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2522973023
Incident Name	NAPP2522973023 SOUTHERN CALIFORNIA 29 FED 15H,17H @ FAPP2202650193
Incident Type	Fire
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2202650193] SOUTHERN CALIFORNIA 29 FED 15H,17H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SOUTHERN CALIFORNIA 29 FED 15H,17H
Date Release Discovered	08/17/2025
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Fire
Did this release result in a fire or is the result of a fire	Yes
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 Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
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)	We had a reportable release at the Southern California 29 Federal 15H,17H CTB on due to loss of air supply at the facility, allowing fluid from the separator to carry over to the flare. The ProTek system successfully shut in the Southern California 29 Federal 15H well; however, it did not activate for the 17H well, allowing it to continue sending fluid to the facility. This incident resulted in a minor fire and an estimated total release of 1 barrel of oil onto the well pad and adjacent pasture. No injuries or damage resulted from the fire. In the coming weeks, we will evaluate the affected soils and implement the necessary remediation measures.

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QUESTIONS, Page 2

Action 586729

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as 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: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/20/2026
--	--

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QUESTIONS, Page 3

Action 586729

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 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	Between 1 and 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	Yes

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)	30.1
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	05/13/2026
On what date will (or did) the final sampling or liner inspection occur	05/13/2026
On what date will (or was) the remediation complete(d)	05/13/2026
What is the estimated surface area (in square feet) that will be reclaimed	1600
What is the estimated volume (in cubic yards) that will be reclaimed	50
What is the estimated surface area (in square feet) that will be remediated	2287
What is the estimated volume (in cubic yards) that will be remediated	50

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 586729

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/20/2026
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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 586729

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

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 586729

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	582724
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2026
What was the (estimated) number of samples that were to be gathered	20
What was the sampling surface area in square feet	2000

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	2287
What was the total volume (cubic yards) remediated	50
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	1600
What was the total volume (in cubic yards) reclaimed	50
Summarize any additional remediation activities not included by answers (above)	The flare fire affected the ground off pad into the pasture. The impacted material was excavated and removed. The entire area was backfilled with topsoil and reseeded. 90% of the area has been reclaimed but the area under the flare will remain caliche as it is part of oilfield operations. It will be reclaimed per NMAC 19.15.29.13.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 05/20/2026
--	--

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Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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Action 586729

QUESTIONS (continued)

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 586729

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 586729
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved. The OCD notes that the submission was due no later than 11/17/2025, however, it was not received until 05/20/2026.	5/27/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/27/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	5/27/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	5/27/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeded activities, inspections, and final pictures when revegetation is achieved.	5/27/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	5/27/2026