CARMONA RESOURCES

SITE INFORMATION

Closure Report
Salado Draw 23 Central Tank Battery (03.26.2025)
Incident ID: NAPP2508551061
Lea County, New Mexico
Unit N Sec 14 T26S R32E
32.035793°, -103.646698°

Condensate Release
Point of Release: Equipment failure within flare stack
Release Date: 03.26.2025
Volume Released: 0.35 Barrels of Condensate
Volume Recovered: 0 Barrels of Condensate

CARMONA RESOURCES

Prepared for:
Chevron U.S.A, Inc.
6301 Deauville Blvd
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

CARMONA RESOURCES

TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 REMEDIATION ACTIVITIES

5.0 RECLAMATION ACTIVITIES

6.0 CONCLUSION

FIGURES

FIGURE 1	**OVERVIEW**	**FIGURE 2**	**TOPOGRAPHIC**
FIGURE 3	**EXCAVATION**	**FIGURE 4**	**RECLAMATION**

APPENDICES

APPENDIX A	**TABLES**
APPENDIX B	**PHOTOS**
APPENDIX C	**NMOCD CORRESPONDENCE**
APPENDIX D	**SITE CHARACTERIZATION AND GROUNDWATER**
APPENDIX E	**LABORATORY REPORTS**

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CARMONA RESOURCES

April 29, 2025

Mike Bratcher
District Supervisor
Oil Conservation Division, District 2
811 S. First Street
Artesia, New Mexico 88210

Re: Closure Report
Salado Draw 23 Central Tank Battery (03.26.2025)
Incident ID: NAPP2508551061
Chevron U.S.A., Inc.
Site Location: Unit N, S14, T26S, R32E
(Lat 32.035793º, Long -103.646698º)
Lea County, New Mexico

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Saldo Draw 23 Central Tank Battery (03.26.2025). The site is located at 32.035793º, -103.646698º within Unit N, S14, T26S, 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 March 26, 2025, due to equipment failure sending condensate to the flare causing a fire. The incident released approximately zero point three-five (0.35) barrels of condensate with zero (0) barrels of condensate recovered. The impacted area occurred off the pad, as 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 medium 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. On September 24, 2024, Carmona Resources was onsite to drill a groundwater determination bore to 112’ bgs within a 0.50-mile radius of the location. The groundwater determination bore is located approximately 0.42 miles East of the site in S14, T26S, R32E (32.036472°, -103.639639°). The groundwater determination bore was drilled to a depth of 112 feet below the ground surface (ft bgs). No water was detected after 72 hours. A copy of the associated well log is attached in Appendix D.

3.0 NMAC Regulatory Criteria

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria was utilized in assessing 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.

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4.0 Remediation Activities

Before collecting samples, a third-party company was onsite to conduct a surface scrape to remove any visibly stained soil, approximately 0.25 feet of soil was removed from an area of about 441 square feet, resulting in the removal of approximately 10 cubic yards of contaminated material.

On April 7, 2025, Carmona Resources, LLC was on site to collect composite confirmation samples and horizontal delineation samples to evaluate soil impacts stemming from the release. A total of four (4) confirmation samples (CS-1 through CS-4) were collected at a depth of 0.25' bgs. A total four (4) horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 0.5' bgs surrounding the release area to evaluate the horizontal extent as it was not possible to collect composite confirmation samples of a sidewall less than 0.5'. 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.

5.0 Reclamation Activities

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. The backfill material was sourced from the local landowner located at 32.026201, -103.681488. Excess backfill material stockpiled nearby from a previous remediation project (nAPP2334143989) was utilized and was previously tested on March 19, 2025. See Table 1 for lab analysis on the backfill sample.

On April 28, 2025, the backfilled areas in the pasture were seeded via hand distribution with the appropriate pounds of pure live seed per acre. The topsoil was ripped with hand tools to aid the vegetation process. The seed mixture used was BLM #2 Sandy Mixture. The reclaimed and reseeded area is approximately 441 square feet. See Figure 4 for the reclamation area.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. Chevron formally requests the closure of this incident. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Ashton Thielke
Environmental Manager

Gilbert Priego
Project Manager

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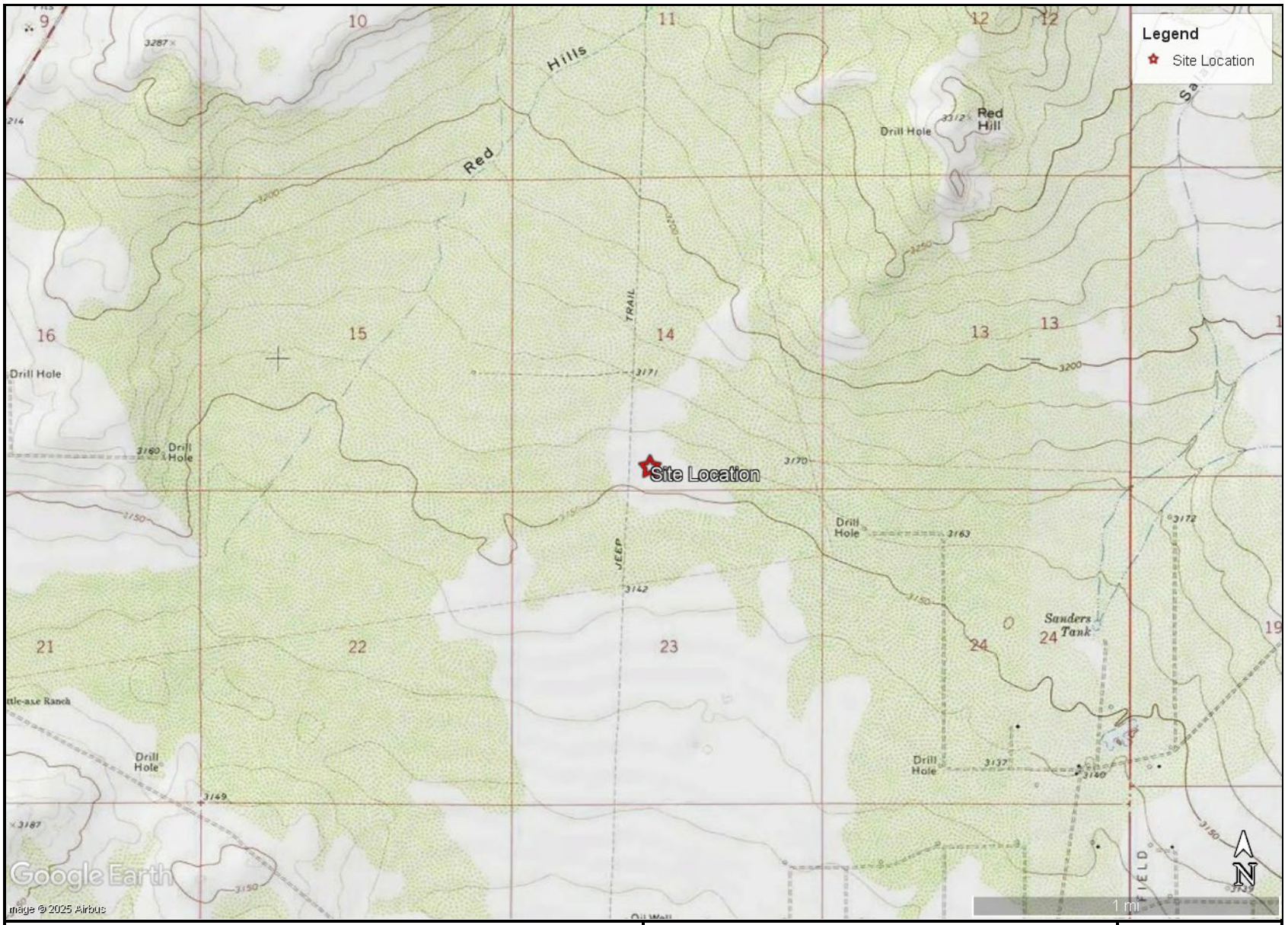
Midland TX, 79701
432.813.1992

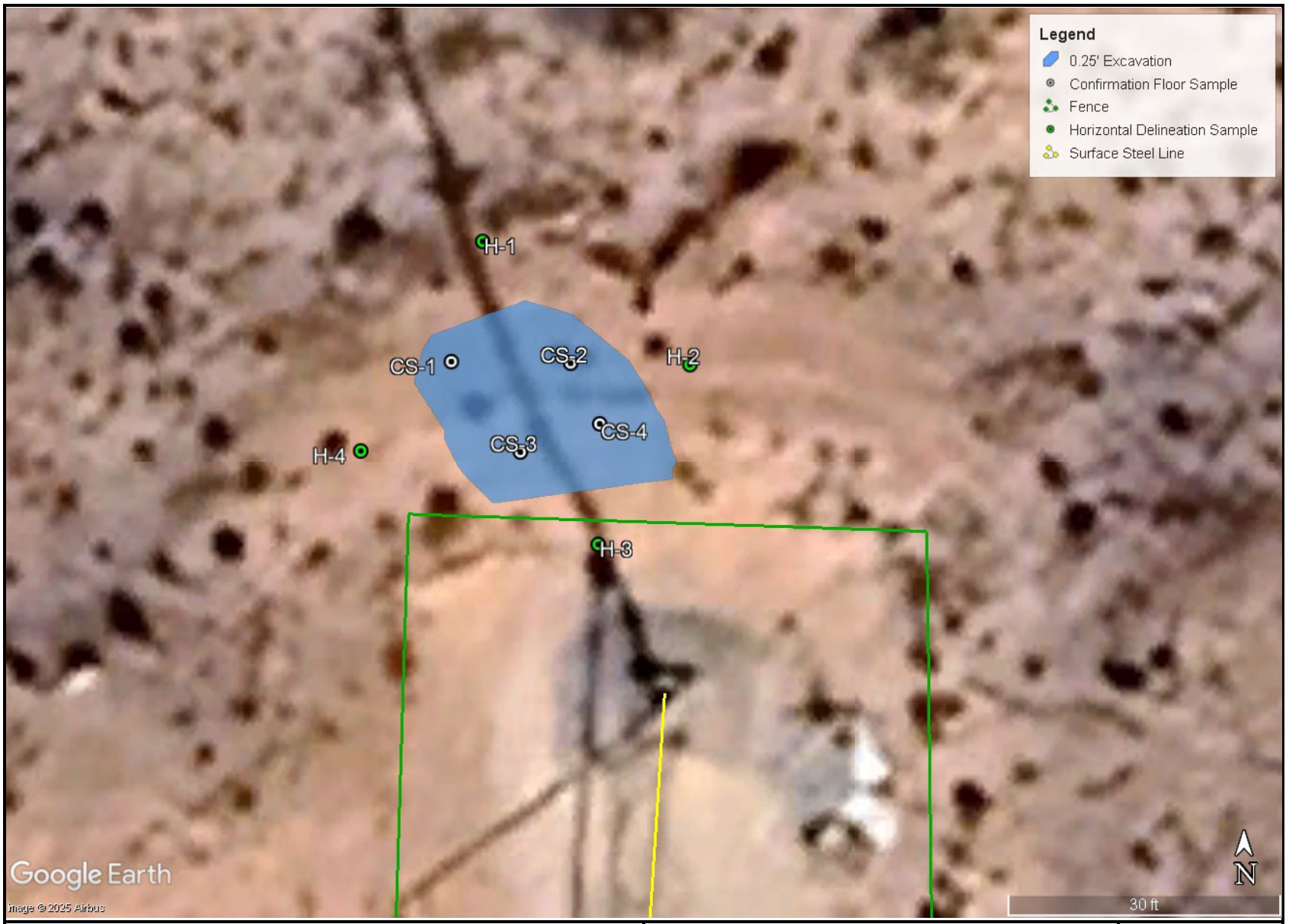
FIGURES

CARMONA RESOURCES

OVERVIEW MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (03.26.2025) LEA COUNTY, NEW MEXICO 32.035793°, 103.646698°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (03.26.2025) LEA COUNTY, NEW MEXICO 32.035793°, 103.646698°	CARMONA RESOURCES	FIGURE 2



EXCAVATION DEPTH MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (03.26.2025) LEA COUNTY, NEW MEXICO 32.035793°, 103.646698°	CARMONA RESOURCES	FIGURE 3

RECLAMATION MAP CHEVRON U.S.A., INC. SALADO DRAW 23 CENTRAL TANK BATTERY (03.26.2025) LEA COUNTY, NEW MEXICO 32.035793°, 103.646698°	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
Chevron
SALADO DRAW 23 CENTRAL TANK BATTERY (03.26.2025)
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	4/7/2025	0.25'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	82.7
CS-2	4/7/2025	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	0.00285	<0.00199	<0.00398	<0.00398	102
CS-3	4/7/2025	0.25'	<50.4	62.6	<50.4	62.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	101
CS-4	4/7/2025	0.25'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	128
H-1	4/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	0.00285	0.0501	0.0152	0.0643	0.132	55.6
H-2	4/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	0.00321	0.0603	0.0186	0.0816	0.164	118
H-3	4/7/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	0.00278	0.0483	0.0154	0.0617	0.128	92.2
H-4	4/7/2025	0-0.5'	<49.6	<49.6	<49.6	<49.6	0.00214	0.0346	0.0103	0.0436	0.0906	78.4
Backfill Sample	3/19/2025	-	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	121
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
ft - feet
(CS) Confirmation Sample
(H) Horizontal Sample

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

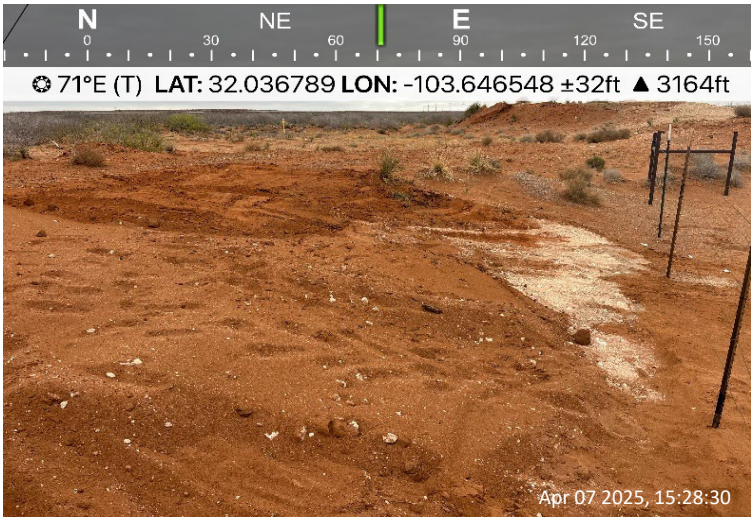
Chevron U.S.A., Inc.

Photograph No. 1

Facility: Salado Draw 23 Central Tank Battery (03.26.2025)

County: Lea County, New Mexico

Description:
View East, area of CS-1 through CS-4.

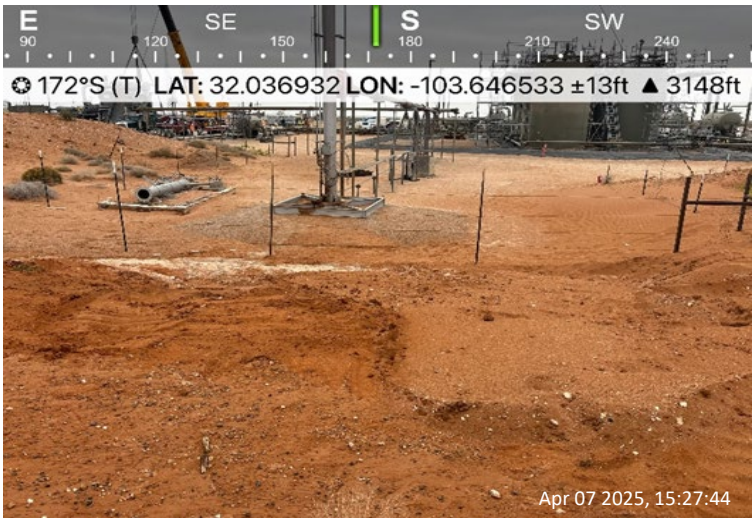


Photograph No. 2

Facility: Salado Draw 23 Central Tank Battery (03.26.2025)

County: Lea County, New Mexico

Description:
View South, area of CS-1 through CS-4.



Photograph No. 3

Facility: Salado Draw 23 Central Tank Battery (03.26.2025)

County: Lea County, New Mexico

Description:
View West, area of CS-1 through CS-4.

CARMONA RESOURCES

PHOTOGRAPHIC LOG

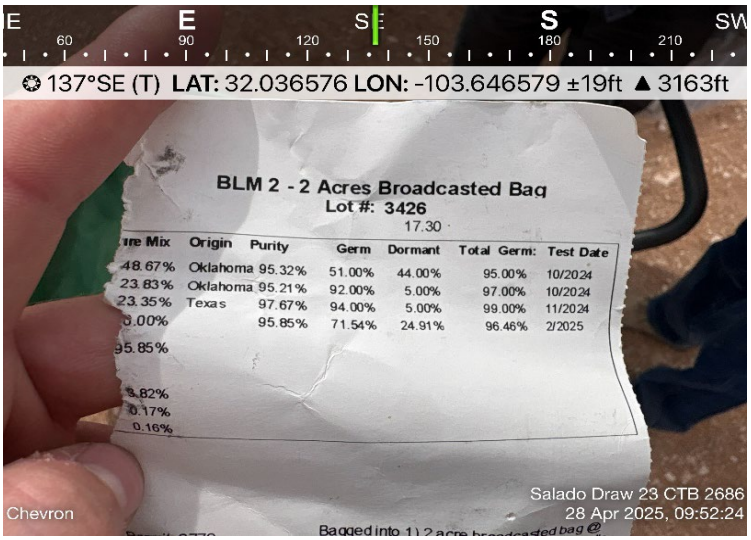
Chevron U.S.A., Inc.

Photograph No. 4

Facility: Salado Draw 23 Central Tank Battery (03.26.2025)

County: Lea County, New Mexico

Description:
View Southeast, seed mix tag.

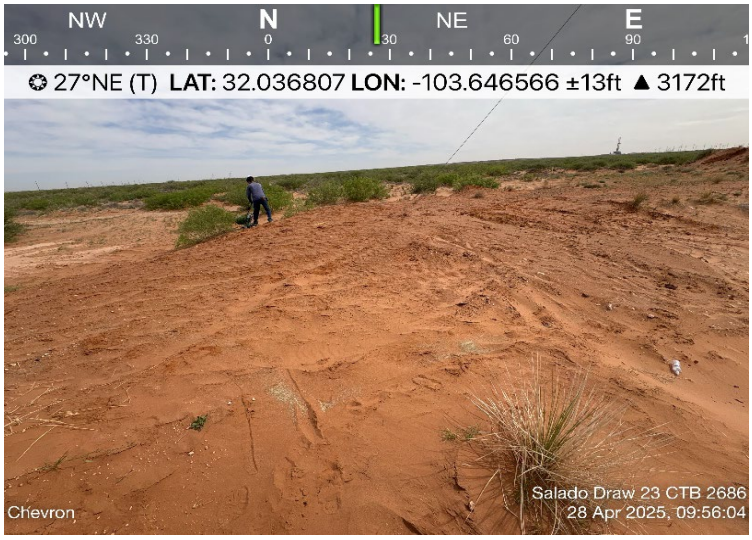


Photograph No. 5

Facility: Salado Draw 23 Central Tank Battery (03.26.2025)

County: Lea County, New Mexico

Description:
View Northeast of backfilled area and reseeding in progress.

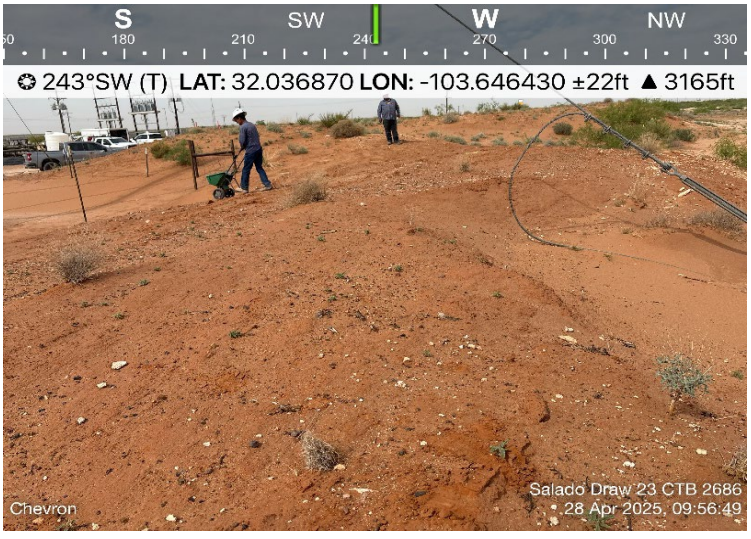


Photograph No. 6

Facility: Salado Draw 23 Central Tank Battery (03.26.2025)

County: Lea County, New Mexico

Description:
View Southwest of backfilled area and reseeding in progress.



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 445961

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 445961
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	03/26/2025
Surface Owner	Federal

Incident Details *Please answer all the questions in this group.*	
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 *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
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)	Released from flare stack.

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 445961
	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.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response	
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.	
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	*Not answered.*
Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.	

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ACKNOWLEDGMENTS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 445961
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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Santa Fe, NM 87505

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 445961
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
branes	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/26/2025

	Diameter (feet)	Above grade Depth (in)	Below grade Depth (in)	Water Cut (%)	Barrels Condensate
Area 1 (Circle)	40	0	0.125		0.35
				Rec Vol	0
				Total	0.35

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

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 446084
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2508551061**
Incident Name	**NAPP2508551061 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Fire**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	03/26/2025
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
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	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
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)	Released from flare stack.

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 446084
	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.**

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: Bayley Ranes Title: Environmental Specialist Email: Bayleyranes@chevron.com Date: 03/27/2025

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

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 446084
	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.	

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

CONDITIONS

Action 446084

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 446084
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	None	3/27/2025

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

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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 448517

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 448517
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2508551061**
Incident Name	**NAPP2508551061 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Fire**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source	
Site Name	**Salado Draw 23 Central Tank Battery**
Date Release Discovered	**03/26/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	440
What is the estimated number of samples that will be gathered	4
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/07/2025
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to sampling site	: “(32.036820, -103.646433) Carmona Resources will be onsite to conduct confirmation sampling and horizontal delineation of this recent release. This flare fire had minor surface charring and has since been scraped to remove all visual impact. This sampling event will determine if all contamination is removed from the site.”

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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 448517

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 448517
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
abarnhill	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.	4/3/2025

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Chevron USA

Legend

- 0.42 Miles
- 0.50 Mile Radius
- 0.86 Miles
- 1.04 Miles
- Groundwater Determination Bore
- Salado Draw 23 Central Tank Battery (03.26.2025)

115' GWDB - Drilled 2022

112' GWDB - Drilled 2024

Salado Draw 23 Central Tank Battery (03.26.2025)

101.5' GWDB - Drilled 2020

Google Earth

Image © 2025 Airbus

N

4000 ft

Medium Karst

Chevron USA

Legend

- Medium
- Salado Draw 23 Central Tank Battery (03.26.2025)

Salado Draw 23 Central Tank Battery (03.26.2025)

N

4000 ft

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 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	POD Sub-basin Code	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 04485 POD1	CUB	LE	4	1	1	12	26S	32E	629039	3548125	3181	55		
C 04549 POD1	CUB	LE	1	1	1	11	26S	32E	627111	3548316	3185	0	0	0
C 02271	R CUB	LE		2	3	21	26S	32E	624449	3544111*	3507	150	125	25
C 03595 POD1	CUB	LE	4	2	3	21	26S	32E	624423	3544045	3553	280	180	100
C 02271 POD2	CUB	LE	3	2	3	21	26S	32E	624348	3544010*	3635	270	250	20
C 02323	C	LE	3	2	3	21	26S	32E	624348	3544010*	3635	405	405	0
C 03537 POD1	CUB	LE	3	2	3	21	26S	32E	624250	3543985	3735	850		

Average Depth to Water: **192 feet**
Minimum Depth: **0 feet**
Maximum Depth: **405 feet**

Record Count: 7

UTMNAD83 Radius Search (in meters):

Easting (X): 627782 **Northing (Y):** 3545203 **Radius:** 4000

***UTM location was derived from PLSS - see Help**

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
Pod 1		C-4880

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Chevron USA Inc. (Agent-H&R Enterprises, LLC/James Hawley)	

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
PO 3641	Hobbs	NM	88241

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	02	11.3	N
	LONGITUDE	103	38	22.7	W

* ACCURACY REQUIRED: ONE TENTH OF A SECOND
* DATUM REQUIRED: WGS 84

DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHJIP, RANGE) WHERE AVAILABLE

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
WD-1862	James Hawley	H&R Enterprises, LLC

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
9-24-24	9-24-24	112'	112'	N/A

COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 9-27-24

DRILLING FLUID: ☑ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☑ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER – SPECIFY:

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
0'	112'	6"	No Casing left in hole				

3. ANNULAR MATERIAL

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

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES **(attach supplemental sheets to fully describe all units)**	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
0'	25'	25'	Red Sand	Y ✓ N	
25'	60'	35'	Reddish Brown Sandy Clay	Y ✓ N	
60"	65"	5'	Pinkish Tan Sandy Clay	Y ✓ N	
65'	70'	5'	Yellow Sandy Clay	Y ✓ N	
70'	80'	10'	Reddish Brown Sandy Clay	Y ✓ N	
80'	85'	5'	Pinkish Tan Sandy Clay	Y ✓ N	
85'	112'	27'	Dark Red Sandy Clay	Y ✓ N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	
				Y N	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: N/A

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Bore was gauged for water on 9-27-24, well bore was dry. Temporary well casing was removed. Borehole was backfilled to 10' BGS with drill cuttings, then hydrated Bentonite chips were poured from 10' BGS to surface.

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Nathan Smelcer

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

James Hawley — SIGNATURE OF DRILLER / PRINT SIGNEE NAME

9-20-24 — DATE

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO.	POD NO.	TRN NO.	
LOCATION		WELL TAG ID NO.	PAGE 2 OF 2

BORING RECORD

Start: 12:39
Finish: 14:32

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING
	0	Caliche, 5YR 8/1, White, Fill	Caliche							SOIL : PPM
	5	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained Quartz, Poorly Sorted,Grain Imbedded with Caliche below 5', White, 5YR 8/1, Quartz Sand, Medium to Coarse Grade	SM							SOIL : PPM
	10									
	15									
	20	Sand, 7.5YR 5/6, Strong Brown, Very Fine Grained Quartz Sand, Rounded, Poorly Sorted Reddish Brown, 5YR 5/4, Yellowish Red, 5YR 5/6, below 20', Dry	SW			2			20	12:47
	25	Thin Caliche Beds Below 25', Indurated, 5YR 7/0, Pink, Moderately Hard								
	30	Sandstone Harder Below 30', Hard at 35'-40', Fine to Very Fine Grained Quartz Sand, Very Well Cemented	Sand Stone							
	35									
	40	Shale (Red Bed), 2.5YR 4/6, Red, Very Fine Grained, Poorly Sorted, Weakly Cemented, Dry				3			40	13:19
	45									
	50	Below 50' Interbedded with Thin Sandstone Beds, Moderately Hard, Dry				4			60	13:39
	55		Shale							
	60									
	65									

PID READING scale: 2 4 6 8 10 12 14 16 18

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 12:39 Finish: 14:32 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X (2 4 6 8 10 12 14 16 18)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING SOIL : PPM SOIL : PPM
	70	Sandstone, 2.5YR 5/9, Reddish Brown, Very Fine Grained Quartz Sand,Poorly Sorted, Soft to Moderate, Well Cemented	Sand Stone							
	75									
	80	Shale (Red Bed), 2.5YR 4/6 to 5/6, Red to Reddish Brown, Silty, Very Fine Grained Quartz Sand, Dry	Shale			5			80	13:56
	85									
	90									
	95									
	100									
	105		Shale							
	110									
	115	TD: 115'								
	120									
	125									
	130									

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 10/12/2022

BORING NUMBER : BH-1

JOB NUMBER : Chevron/ 20-0107-23
HOLE DIAMETER : 5"
LOCATION : Malestorm 15-1 SWD 32°2'28.43"N, 103°39'35.87"W
LAI GEOLOGIST : M. Larson
DRILLING CONTRACTOR : Scarborough Drilling
DRILLING METHOD : Air Rotary

BORING RECORD

Start: 10:35 MDT
Finish: 15:15

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG
	0	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML	
	5			
	10	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted, Dry	Caliche	
	15			
	20			
	25	Silty Sand, 5YR 5/4, Reddish Brown, Fine Grained Quartz Sand with Caliche Clasts (~10mm), Poorly Sorted	ML	
	30	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted with Subangular Clasts (~10mm)	Caliche	
	35			
	40	Silty Sand, 5YR 6/4, Light Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted with Subangular Caliche Clasts (~10mm)	ML	
	45			
	50			
	55			
	60			

PID READING: PPM X _____ (2 4 6 8 10 12 14 16 18)

SAMPLE

NUMBER	PID READING	RECOVERY	DEPTH
1			5 – 7
2			25
3			30
4			39 – 40

REMARKS: BACKGROUND PID READING
SOIL : _____ PPM
SOIL : _____ PPM

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
LABORATORY TEST LOCATION
PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

JOB NUMBER : Chevron/ 19-0180-01
HOLE DIAMETER : 2"
LOCATION : Salado Draw 24 CTB 32.0250583°, -103.6342389°
LAI GEOLOGIST : E. Chavez
DRILLING CONTRACTOR : Scarborough
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 04-14-2020

BORING NUMBER : SB-01

BORING RECORD

Start: 10:35 MDT
Finish: 15:15

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING PPM X (2 4 6 8 10 12 14 16 18)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING SOIL : PPM SOIL : PPM
	65	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained, Poorly Sorted with Subangular Caliche and Black Chert Clasts (~0.5mm)	ML			5			66	
	70								70	
	75								75	
	80								80	
	85								85	
	90	Silty Sand, 5YR 4/6, Yellowish Red, Fine Grained, Poorly Sorted with Subangular Caliche (~2mm)	ML						90	
	95								95	
	100					6			100	
		TD:101.5' *Dry After 72 Hours*							101.5	
	105								105	

ONE CONTINUOUS AUGER SAMPLER
STANDARD PENETRATION TEST
UNDISTURBED SAMPLE
WATER TABLE (24 HRS)
WATER TABLE (TIME OF BORING)
L LABORATORY TEST LOCATION
\+ PENETROMETER (TONS/ SQ. FT)
NR NO RECOVERY

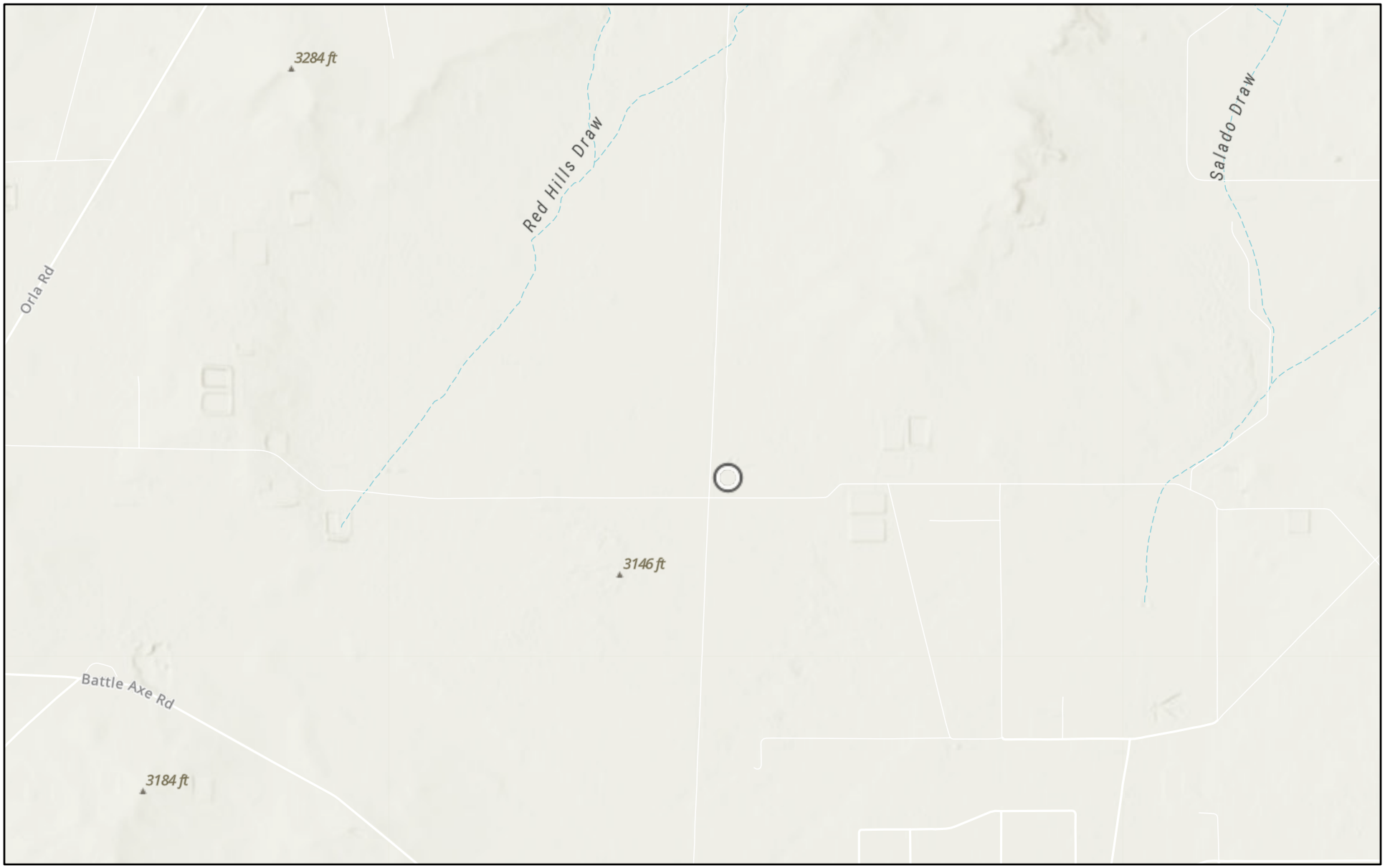
Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 04-14-2020

BORING NUMBER : SB-01

JOB NUMBER : Chevron/ 19-0180-01
HOLE DIAMETER : 2"
LOCATION : Salado Draw 24 CTB 32.0250583°, -103.6342389°
LAI GEOLOGIST : E. Chavez
DRILLING CONTRACTOR : Scarborough
DRILLING METHOD : Air Rotary

Salado Draw 23 Central Tank Battery (03.26.2025)



3/27/2025

World_Hillshade

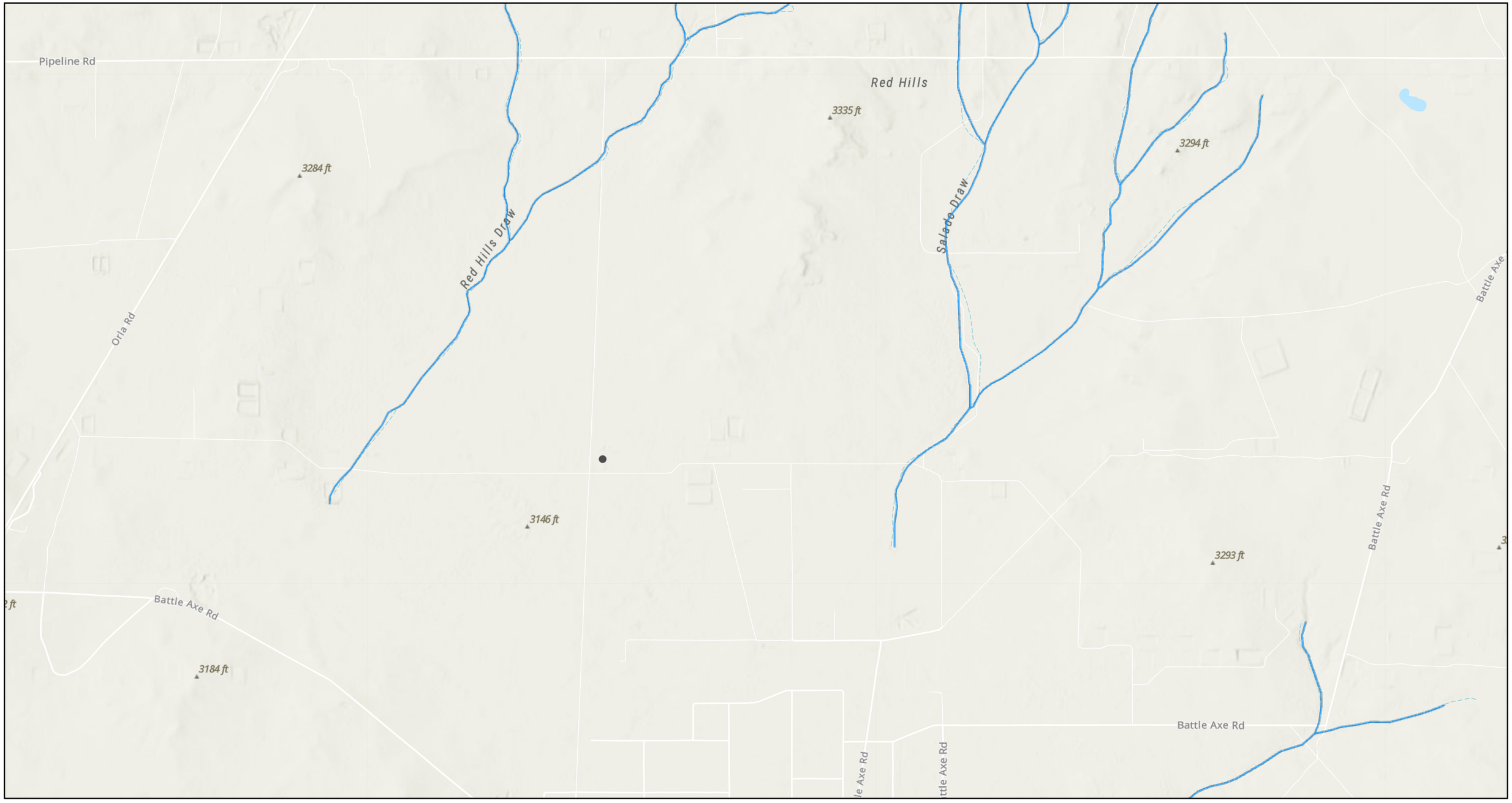
1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

Salado Draw 23 Central Tank Battery (03.26.2025)



3/27/2025, 9:26:42 AM

OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

New Mexico Oil Conservation Division

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/11/2025 5:04:13 PM

JOB DESCRIPTION

SD 23 Central Tank Battery-Flare
Lea Co, NM

JOB NUMBER

880-56559-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

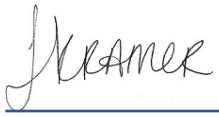
Eurofins Midland

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
4/11/2025 5:04:13 PM

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

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Laboratory Job ID: 880-56559-1
SDG: Lea Co, NM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 6
Surrogate Summary 9
QC Sample Results 10
QC Association Summary 16
Lab Chronicle 19
Certification Summary 21
Method Summary 22
Sample Summary 23
Chain of Custody 24
Receipt Checklists 25

Definitions/Glossary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1

Job ID: 880-56559-1 Eurofins Midland

Job Narrative
880-56559-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/7/2025 11:17 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 1.2°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (0.25') (880-56559-1), CS-2 (0.25') (880-56559-2), CS-3 (0.25') (880-56559-3) and CS-4 (0.25') (880-56559-4).

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-107111/2-A) and (LCSD 880-107111/3-A). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (0.25')

Lab Sample ID: 880-56559-1
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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		04/07/25 16:11	04/08/25 00:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/08/25 00:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/08/25 00:21	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/07/25 16:11	04/08/25 00:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/08/25 00:21	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/07/25 16:11	04/08/25 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/07/25 16:11*	*04/08/25 00:21*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/07/25 16:11*	*04/08/25 00:21*	*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			04/08/25 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 04:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 10:40	04/11/25 04:26	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/08/25 10:40	04/11/25 04:26	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 10:40	04/11/25 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*04/08/25 10:40*	*04/11/25 04:26*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*04/08/25 10:40*	*04/11/25 04:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.7**		9.96		mg/Kg			04/08/25 15:57	1

Client Sample ID: CS-2 (0.25')

Lab Sample ID: 880-56559-2
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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		04/07/25 16:11	04/08/25 00:41	1
Toluene	**0.00285**		0.00199		mg/Kg		04/07/25 16:11	04/08/25 00:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/07/25 16:11	04/08/25 00:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/07/25 16:11	04/08/25 00:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/07/25 16:11	04/08/25 00:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/07/25 16:11	04/08/25 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/07/25 16:11*	*04/08/25 00:41*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/07/25 16:11*	*04/08/25 00:41*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Client Sample ID: CS-2 (0.25')

Lab Sample ID: 880-56559-2
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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			04/08/25 00:41	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			04/11/25 04:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/08/25 10:40	04/11/25 04:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/08/25 10:40	04/11/25 04:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/08/25 10:40	04/11/25 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/08/25 10:40*	*04/11/25 04:44*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/08/25 10:40*	*04/11/25 04:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		9.98		mg/Kg			04/08/25 16:05	1

Client Sample ID: CS-3 (0.25')

Lab Sample ID: 880-56559-3
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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		04/07/25 16:11	04/08/25 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/08/25 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/08/25 01:02	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 16:11	04/08/25 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/08/25 01:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 16:11	04/08/25 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/07/25 16:11*	*04/08/25 01:02*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*04/07/25 16:11*	*04/08/25 01:02*	*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			04/08/25 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**62.6**		50.4		mg/Kg			04/11/25 04:59	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	<50.4	U	50.4		mg/Kg		04/08/25 10:40	04/11/25 04:59	1
Diesel Range Organics (Over C10-C28)	**62.6**		50.4		mg/Kg		04/08/25 10:40	04/11/25 04:59	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Client Sample ID: CS-3 (0.25')

Lab Sample ID: 880-56559-3
Date Collected: 04/07/25 00:00
Matrix: Solid
Date Received: 04/07/25 11:17

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)	<50.4	U	50.4		mg/Kg		04/08/25 10:40	04/11/25 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*04/08/25 10:40*	*04/11/25 04:59*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*04/08/25 10:40*	*04/11/25 04:59*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		10.0		mg/Kg			04/08/25 16:12	1

Client Sample ID: CS-4 (0.25')

Lab Sample ID: 880-56559-4
Date Collected: 04/07/25 00:00
Matrix: Solid
Date Received: 04/07/25 11:17

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		04/07/25 13:49	04/07/25 20:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 13:49	04/07/25 20:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 13:49	04/07/25 20:01	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 13:49	04/07/25 20:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 13:49	04/07/25 20:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 13:49	04/07/25 20:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*04/07/25 13:49*	*04/07/25 20:01*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/07/25 13:49*	*04/07/25 20:01*	*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			04/07/25 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/11/25 05:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/08/25 10:40	04/11/25 05:15	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/08/25 10:40	04/11/25 05:15	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/08/25 10:40	04/11/25 05:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*04/08/25 10:40*	*04/11/25 05:15*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*04/08/25 10:40*	*04/11/25 05:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**128**		9.98		mg/Kg			04/08/25 16:19	1

Surrogate Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56533-A-16-C MS	Matrix Spike	101	92
880-56533-A-16-D MSD	Matrix Spike Duplicate	110	92
880-56558-A-1-A MS	Matrix Spike	104	115
880-56558-A-1-B MSD	Matrix Spike Duplicate	95	109
880-56559-1	CS-1 (0.25')	105	90
880-56559-2	CS-2 (0.25')	99	87
880-56559-3	CS-3 (0.25')	104	87
880-56559-4	CS-4 (0.25')	94	90
LCS 880-106997/1-A	Lab Control Sample	104	97
LCS 880-107047/1-A	Lab Control Sample	100	106
LCSD 880-106997/2-A	Lab Control Sample Dup	101	101
LCSD 880-107047/2-A	Lab Control Sample Dup	95	109
MB 880-106996/5-A	Method Blank	91	74
MB 880-106997/5-A	Method Blank	96	89
MB 880-107047/5-A	Method Blank	99	76

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56558-A-1-F MS	Matrix Spike	112	117
880-56558-A-1-G MSD	Matrix Spike Duplicate	106	111
880-56559-1	CS-1 (0.25')	111	104
880-56559-2	CS-2 (0.25')	113	103
880-56559-3	CS-3 (0.25')	126	112
880-56559-4	CS-4 (0.25')	125	110
LCS 880-107111/2-A	Lab Control Sample	151 S1+	140 S1+
LCSD 880-107111/3-A	Lab Control Sample Dup	152 S1+	142 S1+
MB 880-107111/1-A	Method Blank	111	116

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-106996/5-A
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106996

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:45	04/07/25 11:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:45	04/07/25 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*04/07/25 08:45*	*04/07/25 11:41*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*04/07/25 08:45*	*04/07/25 11:41*	*1*

Lab Sample ID: MB 880-106997/5-A
Matrix: Solid
Analysis Batch: 106998

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106997

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:49	04/07/25 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:49	04/07/25 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:49	04/07/25 11:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/07/25 08:49	04/07/25 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 08:49	04/07/25 11:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/07/25 08:49	04/07/25 11:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*04/07/25 08:49*	*04/07/25 11:42*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/07/25 08:49*	*04/07/25 11:42*	*1*

Lab Sample ID: LCS 880-106997/1-A
Matrix: Solid
Analysis Batch: 106998

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106997

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09234		mg/Kg		92	70 - 130
Toluene	0.100	0.09665		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.09917		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.1980		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09457		mg/Kg		95	70 - 130

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

Lab Sample ID: LCSD 880-106997/2-A
Matrix: Solid
Analysis Batch: 106998

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 106997

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	9	35

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-106997/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106998 — **Prep Batch: 106997**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09546		mg/Kg		95	70 - 130	1	35
Ethylbenzene			0.100	0.09180		mg/Kg		92	70 - 130	8	35
m,p-Xylenes			0.200	0.1873		mg/Kg		94	70 - 130	6	35
o-Xylene			0.100	0.09013		mg/Kg		90	70 - 130	5	35

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

Lab Sample ID: 880-56533-A-16-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106998 — **Prep Batch: 106997**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.09785		mg/Kg		98	70 - 130
Toluene	<0.00202	U	0.100	0.09240		mg/Kg		92	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.08423		mg/Kg		84	70 - 130
m,p-Xylenes	<0.00404	U	0.200	0.1677		mg/Kg		84	70 - 130
o-Xylene	<0.00202	U	0.100	0.07864		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-56533-A-16-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106998 — **Prep Batch: 106997**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09625		mg/Kg		96	70 - 130	2	35
Toluene	<0.00202	U	0.100	0.09470		mg/Kg		95	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.100	0.09306		mg/Kg		93	70 - 130	10	35
m,p-Xylenes	<0.00404	U	0.200	0.1833		mg/Kg		92	70 - 130	9	35
o-Xylene	<0.00202	U	0.100	0.08810		mg/Kg		88	70 - 130	11	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-107047/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 106991 — **Prep Batch: 107047**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/07/25 22:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/07/25 22:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/07/25 22:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/07/25 16:11	04/07/25 22:37	1

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-107047/5-A
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107047

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/07/25 16:11	04/07/25 22:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/07/25 16:11	04/07/25 22:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*04/07/25 16:11*	*04/07/25 22:37*	*1*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*	*04/07/25 16:11*	*04/07/25 22:37*	*1*

Lab Sample ID: LCS 880-107047/1-A
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107047

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1167		mg/Kg		117	70 - 130		
Toluene			0.100	0.1131		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1179		mg/Kg		118	70 - 130		
m,p-Xylenes			0.200	0.2260		mg/Kg		113	70 - 130		
o-Xylene			0.100	0.1092		mg/Kg		109	70 - 130		

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

Lab Sample ID: LCSD 880-107047/2-A
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107047

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1032		mg/Kg		103	70 - 130	12	35
Toluene			0.100	0.1002		mg/Kg		100	70 - 130	12	35
Ethylbenzene			0.100	0.1029		mg/Kg		103	70 - 130	14	35
m,p-Xylenes			0.200	0.1943		mg/Kg		97	70 - 130	15	35
o-Xylene			0.100	0.09484		mg/Kg		95	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-56558-A-1-A MS
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107047

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0992	0.1261		mg/Kg		127	70 - 130		
Toluene	<0.00199	U	0.0992	0.1217		mg/Kg		123	70 - 130		
Ethylbenzene	<0.00199	U	0.0992	0.1245		mg/Kg		124	70 - 130		
m,p-Xylenes	<0.00398	U	0.198	0.2396		mg/Kg		121	70 - 130		
o-Xylene	<0.00199	U	0.0992	0.1150		mg/Kg		116	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56558-A-1-A MS
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107047

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

Lab Sample ID: 880-56558-A-1-B MSD
Matrix: Solid
Analysis Batch: 106991

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107047

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.1172		mg/Kg		117	70 - 130	7	35
Toluene	<0.00199	U	0.101	0.1138		mg/Kg		113	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.101	0.1196		mg/Kg		117	70 - 130	4	35
m,p-Xylenes	<0.00398	U	0.201	0.2297		mg/Kg		114	70 - 130	4	35
o-Xylene	<0.00199	U	0.101	0.1098		mg/Kg		109	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-107111/1-A
Matrix: Solid
Analysis Batch: 107306

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107111

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/08/25 10:40	04/11/25 02:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/08/25 10:40	04/11/25 02:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/08/25 10:40	04/11/25 02:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	04/08/25 10:40	04/11/25 02:00	1
o-Terphenyl (Surr)	116		70 - 130	04/08/25 10:40	04/11/25 02:00	1

Lab Sample ID: LCS 880-107111/2-A
Matrix: Solid
Analysis Batch: 107306

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1029		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1133		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	151	S1+	70 - 130
o-Terphenyl (Surr)	140	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-107111/3-A
Matrix: Solid
Analysis Batch: 107306

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107111

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1080		mg/Kg		108	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1124		mg/Kg		112	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*152*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*142*	*S1+*	*70 - 130*

Lab Sample ID: 880-56558-A-1-F MS
Matrix: Solid
Analysis Batch: 107306

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	756.3		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	998	942.9		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*112*		*70 - 130*
o-Terphenyl (Surr)	*117*		*70 - 130*

Lab Sample ID: 880-56558-A-1-G MSD
Matrix: Solid
Analysis Batch: 107306

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	998	719.8		mg/Kg		72	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.7	U	998	918.6		mg/Kg		92	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107079/1-A
Matrix: Solid
Analysis Batch: 107110

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			04/08/25 13:57	1

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-107079/2-A
Matrix: Solid
Analysis Batch: 107110

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.8		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-107079/3-A
Matrix: Solid
Analysis Batch: 107110

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	243.0		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-56557-A-5-D MS
Matrix: Solid
Analysis Batch: 107110

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	91.4		250	342.7		mg/Kg		101	90 - 110		

Lab Sample ID: 880-56557-A-5-E MSD
Matrix: Solid
Analysis Batch: 107110

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	91.4		250	340.5		mg/Kg		100	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 106991

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Total/NA	Solid	8021B	107047
880-56559-2	CS-2 (0.25')	Total/NA	Solid	8021B	107047
880-56559-3	CS-3 (0.25')	Total/NA	Solid	8021B	107047
MB 880-106996/5-A	Method Blank	Total/NA	Solid	8021B	106996
MB 880-107047/5-A	Method Blank	Total/NA	Solid	8021B	107047
LCS 880-107047/1-A	Lab Control Sample	Total/NA	Solid	8021B	107047
LCSD 880-107047/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107047
880-56558-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	107047
880-56558-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	107047

Prep Batch: 106996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-106996/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 106997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-4	CS-4 (0.25')	Total/NA	Solid	5035	
MB 880-106997/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-106997/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-106997/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56533-A-16-C MS	Matrix Spike	Total/NA	Solid	5035	
880-56533-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 106998

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-4	CS-4 (0.25')	Total/NA	Solid	8021B	106997
MB 880-106997/5-A	Method Blank	Total/NA	Solid	8021B	106997
LCS 880-106997/1-A	Lab Control Sample	Total/NA	Solid	8021B	106997
LCSD 880-106997/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	106997
880-56533-A-16-C MS	Matrix Spike	Total/NA	Solid	8021B	106997
880-56533-A-16-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	106997

Prep Batch: 107047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Total/NA	Solid	5035	
880-56559-2	CS-2 (0.25')	Total/NA	Solid	5035	
880-56559-3	CS-3 (0.25')	Total/NA	Solid	5035	
MB 880-107047/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107047/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107047/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56558-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-56558-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 107209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Total/NA	Solid	Total BTEX	
880-56559-2	CS-2 (0.25')	Total/NA	Solid	Total BTEX	
880-56559-3	CS-3 (0.25')	Total/NA	Solid	Total BTEX	
880-56559-4	CS-4 (0.25')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 107111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Total/NA	Solid	8015NM Prep	
880-56559-2	CS-2 (0.25')	Total/NA	Solid	8015NM Prep	
880-56559-3	CS-3 (0.25')	Total/NA	Solid	8015NM Prep	
880-56559-4	CS-4 (0.25')	Total/NA	Solid	8015NM Prep	
MB 880-107111/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107111/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56558-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-56558-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Total/NA	Solid	8015B NM	107111
880-56559-2	CS-2 (0.25')	Total/NA	Solid	8015B NM	107111
880-56559-3	CS-3 (0.25')	Total/NA	Solid	8015B NM	107111
880-56559-4	CS-4 (0.25')	Total/NA	Solid	8015B NM	107111
MB 880-107111/1-A	Method Blank	Total/NA	Solid	8015B NM	107111
LCS 880-107111/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107111
LCSD 880-107111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107111
880-56558-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	107111
880-56558-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107111

Analysis Batch: 107450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Total/NA	Solid	8015 NM	
880-56559-2	CS-2 (0.25')	Total/NA	Solid	8015 NM	
880-56559-3	CS-3 (0.25')	Total/NA	Solid	8015 NM	
880-56559-4	CS-4 (0.25')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Soluble	Solid	DI Leach	
880-56559-2	CS-2 (0.25')	Soluble	Solid	DI Leach	
880-56559-3	CS-3 (0.25')	Soluble	Solid	DI Leach	
880-56559-4	CS-4 (0.25')	Soluble	Solid	DI Leach	
MB 880-107079/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107079/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107079/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56557-A-5-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56557-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 107110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56559-1	CS-1 (0.25')	Soluble	Solid	300.0	107079
880-56559-2	CS-2 (0.25')	Soluble	Solid	300.0	107079
880-56559-3	CS-3 (0.25')	Soluble	Solid	300.0	107079
880-56559-4	CS-4 (0.25')	Soluble	Solid	300.0	107079
MB 880-107079/1-A	Method Blank	Soluble	Solid	300.0	107079
LCS 880-107079/2-A	Lab Control Sample	Soluble	Solid	300.0	107079

QC Association Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Analysis Batch: 107110 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-107079/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107079
880-56557-A-5-D MS	Matrix Spike	Soluble	Solid	300.0	107079
880-56557-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	107079

Lab Chronicle

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Client Sample ID: CS-1 (0.25')

Lab Sample ID: 880-56559-1
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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	107047	04/07/25 16:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/08/25 00:21	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107209	04/08/25 00:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107450	04/11/25 04:26	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107111	04/08/25 10:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107306	04/11/25 04:26	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107079	04/08/25 08:37	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107110	04/08/25 15:57	CH	EET MID

Client Sample ID: CS-2 (0.25')

Lab Sample ID: 880-56559-2
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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	107047	04/07/25 16:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/08/25 00:41	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107209	04/08/25 00:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107450	04/11/25 04:44	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	107111	04/08/25 10:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107306	04/11/25 04:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107079	04/08/25 08:37	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107110	04/08/25 16:05	CH	EET MID

Client Sample ID: CS-3 (0.25')

Lab Sample ID: 880-56559-3
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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	107047	04/07/25 16:11	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106991	04/08/25 01:02	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107209	04/08/25 01:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107450	04/11/25 04:59	TKC	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	107111	04/08/25 10:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107306	04/11/25 04:59	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	107079	04/08/25 08:37	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107110	04/08/25 16:12	CH	EET MID

Client Sample ID: CS-4 (0.25')

Lab Sample ID: 880-56559-4
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

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	106997	04/07/25 13:49	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	106998	04/07/25 20:01	EL	EET MID
Total/NA	Analysis	Total BTEX		1			107209	04/07/25 20:01	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Client Sample ID: CS-4 (0.25')

Date Collected: 04/07/25 00:00
Date Received: 04/07/25 11:17

Lab Sample ID: 880-56559-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107450	04/11/25 05:15	TKC	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	107111	04/08/25 10:40	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107306	04/11/25 05:15	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107079	04/08/25 08:37	CH	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	107110	04/08/25 16:19	CH	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: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

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	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

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: SD 23 Central Tank Battery-Flare

Job ID: 880-56559-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56559-1	CS-1 (0.25')	Solid	04/07/25 00:00	04/07/25 11:17
880-56559-2	CS-2 (0.25')	Solid	04/07/25 00:00	04/07/25 11:17
880-56559-3	CS-3 (0.25')	Solid	04/07/25 00:00	04/07/25 11:17
880-56559-4	CS-4 (0.25')	Solid	04/07/25 00:00	04/07/25 11:17

Chain of Custody

880-56559 Chain of Custody

Page 1 of 1

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	SD 23 Central Tank Battery - Flare	Turn Around	
Project Number:	2686	☑ Routine	☐ Rush
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	GPJ	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR4
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.3
Total Containers:		Corrected Temperature:	1.2

ANALYSIS REQUEST

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	HOLD	Sample Comments
CS-1 (0.25')	4/7/2025		X		Comp	1		X	X	X		
CS-2 (0.25')	4/7/2025		X		Comp	1		X	X	X		
CS-3 (0.25')	4/7/2025		X		Comp	1		X	X	X		
CS-4 (0.25')	4/7/2025		X		Comp	1		X	X	X		

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/7/25 1117	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56559-1
SDG Number: Lea Co, NM

Login Number: 56559
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 4/16/2025 2:44:28 PM

JOB DESCRIPTION

SD 23 Central Tank Battery-Flare
Lea Co, NM

JOB NUMBER

880-56863-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

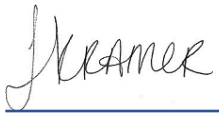
Eurofins Midland

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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4/16/2025 2:44:28 PM

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

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Laboratory Job ID: 880-56863-1
SDG: Lea Co, NM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 6
Surrogate Summary 9
QC Sample Results 10
QC Association Summary 14
Lab Chronicle 16
Certification Summary 18
Method Summary 19
Sample Summary 20
Chain of Custody 21
Receipt Checklists 22

Definitions/Glossary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 880-56863-1
Project: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1 Eurofins Midland

Job Narrative
880-56863-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 4/14/2025 9:22 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-56863-1), H-2 (0-0.5') (880-56863-2), H-3 (0-0.5') (880-56863-3) and H-4 (0-0.5') (880-56863-4).

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-107636/2-A). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-107582 and analytical batch 880-107626 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Client Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56863-1
Date Collected: 04/07/25 00:00
Matrix: Solid
Date Received: 04/14/25 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00285		0.00202		mg/Kg		04/14/25 10:03	04/14/25 11:58	1
Toluene	0.0501		0.00202		mg/Kg		04/14/25 10:03	04/14/25 11:58	1
Ethylbenzene	0.0152		0.00202		mg/Kg		04/14/25 10:03	04/14/25 11:58	1
m,p-Xylenes	0.0479		0.00403		mg/Kg		04/14/25 10:03	04/14/25 11:58	1
o-Xylene	0.0164		0.00202		mg/Kg		04/14/25 10:03	04/14/25 11:58	1
Xylenes, Total	0.0643		0.00403		mg/Kg		04/14/25 10:03	04/14/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/14/25 10:03*	*04/14/25 11:58*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/14/25 10:03*	*04/14/25 11:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.132		0.00403		mg/Kg			04/14/25 11:58	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			04/15/25 16:43	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	<49.8	U	49.8		mg/Kg		04/14/25 14:36	04/15/25 16:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		04/14/25 14:36	04/15/25 16:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		04/14/25 14:36	04/15/25 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*04/14/25 14:36*	*04/15/25 16:43*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*04/14/25 14:36*	*04/15/25 16:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.6		9.94		mg/Kg			04/15/25 21:09	1

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

Lab Sample ID: 880-56863-2
Date Collected: 04/07/25 00:00
Matrix: Solid
Date Received: 04/14/25 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00321		0.00200		mg/Kg		04/14/25 10:03	04/14/25 12:18	1
Toluene	0.0603		0.00200		mg/Kg		04/14/25 10:03	04/14/25 12:18	1
Ethylbenzene	0.0186		0.00200		mg/Kg		04/14/25 10:03	04/14/25 12:18	1
m,p-Xylenes	0.0600		0.00399		mg/Kg		04/14/25 10:03	04/14/25 12:18	1
o-Xylene	0.0216		0.00200		mg/Kg		04/14/25 10:03	04/14/25 12:18	1
Xylenes, Total	0.0816		0.00399		mg/Kg		04/14/25 10:03	04/14/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*04/14/25 10:03*	*04/14/25 12:18*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/14/25 10:03*	*04/14/25 12:18*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56863-2
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.164**		0.00399		mg/Kg			04/14/25 12:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/15/25 16:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/25 14:36	04/15/25 16:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/25 14:36	04/15/25 16:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/25 14:36	04/15/25 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/14/25 14:36*	*04/15/25 16:58*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/14/25 14:36*	*04/15/25 16:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		9.98		mg/Kg			04/15/25 21:26	1

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

Lab Sample ID: 880-56863-3
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00278**		0.00199		mg/Kg		04/14/25 10:03	04/14/25 12:39	1
Toluene	**0.0483**		0.00199		mg/Kg		04/14/25 10:03	04/14/25 12:39	1
Ethylbenzene	**0.0154**		0.00199		mg/Kg		04/14/25 10:03	04/14/25 12:39	1
m,p-Xylenes	**0.0468**		0.00398		mg/Kg		04/14/25 10:03	04/14/25 12:39	1
o-Xylene	**0.0149**		0.00199		mg/Kg		04/14/25 10:03	04/14/25 12:39	1
Xylenes, Total	**0.0617**		0.00398		mg/Kg		04/14/25 10:03	04/14/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*04/14/25 10:03*	*04/14/25 12:39*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/14/25 10:03*	*04/14/25 12:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.128**		0.00398		mg/Kg			04/14/25 12:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			04/15/25 17:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		04/14/25 14:36	04/15/25 17:13	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		04/14/25 14:36	04/15/25 17:13	1

Client Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56863-3
Date Collected: 04/07/25 00:00
Matrix: Solid
Date Received: 04/14/25 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		04/14/25 14:36	04/15/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*04/14/25 14:36*	*04/15/25 17:13*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*04/14/25 14:36*	*04/15/25 17:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**92.2**		9.96		mg/Kg			04/15/25 21:32	1

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

Lab Sample ID: 880-56863-4
Date Collected: 04/07/25 00:00
Matrix: Solid
Date Received: 04/14/25 09:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00214**		0.00198		mg/Kg		04/14/25 10:03	04/14/25 12:59	1
Toluene	**0.0346**		0.00198		mg/Kg		04/14/25 10:03	04/14/25 12:59	1
Ethylbenzene	**0.0103**		0.00198		mg/Kg		04/14/25 10:03	04/14/25 12:59	1
m,p-Xylenes	**0.0323**		0.00396		mg/Kg		04/14/25 10:03	04/14/25 12:59	1
o-Xylene	**0.0113**		0.00198		mg/Kg		04/14/25 10:03	04/14/25 12:59	1
Xylenes, Total	**0.0436**		0.00396		mg/Kg		04/14/25 10:03	04/14/25 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*04/14/25 10:03*	*04/14/25 12:59*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/14/25 10:03*	*04/14/25 12:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0906**		0.00396		mg/Kg			04/14/25 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			04/15/25 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		04/14/25 14:36	04/15/25 17:28	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		04/14/25 14:36	04/15/25 17:28	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		04/14/25 14:36	04/15/25 17:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*04/14/25 14:36*	*04/15/25 17:28*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*04/14/25 14:36*	*04/15/25 17:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.4**		10.0		mg/Kg			04/15/25 21:38	1

Surrogate Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56863-1	H-1 (0-0.5')	110	98
880-56863-1 MS	H-1 (0-0.5')	104	101
880-56863-1 MSD	H-1 (0-0.5')	106	100
880-56863-2	H-2 (0-0.5')	112	99
880-56863-3	H-3 (0-0.5')	110	99
880-56863-4	H-4 (0-0.5')	102	98
LCS 880-107566/1-A	Lab Control Sample	98	101
LCSD 880-107566/2-A	Lab Control Sample Dup	99	104
MB 880-107566/5-A	Method Blank	100	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-56800-A-5-D MS	Matrix Spike	127	121
880-56800-A-5-E MSD	Matrix Spike Duplicate	125	119
880-56863-1	H-1 (0-0.5')	119	117
880-56863-2	H-2 (0-0.5')	110	108
880-56863-3	H-3 (0-0.5')	110	108
880-56863-4	H-4 (0-0.5')	113	111
LCS 880-107636/2-A	Lab Control Sample	132 S1+	129
LCSD 880-107636/3-A	Lab Control Sample Dup	114	109
MB 880-107636/1-A	Method Blank	107	113

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-107566/5-A
Matrix: Solid
Analysis Batch: 107516

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107566

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/14/25 10:03	04/14/25 11:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/14/25 10:03	04/14/25 11:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/14/25 10:03	04/14/25 11:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/14/25 10:03	04/14/25 11:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/14/25 10:03	04/14/25 11:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/14/25 10:03	04/14/25 11:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/14/25 10:03*	*04/14/25 11:37*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/14/25 10:03*	*04/14/25 11:37*	*1*

Lab Sample ID: LCS 880-107566/1-A
Matrix: Solid
Analysis Batch: 107516

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107566

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08882		mg/Kg		89	70 - 130		
Toluene			0.100	0.08642		mg/Kg		86	70 - 130		
Ethylbenzene			0.100	0.08213		mg/Kg		82	70 - 130		
m,p-Xylenes			0.200	0.1635		mg/Kg		82	70 - 130		
o-Xylene			0.100	0.08303		mg/Kg		83	70 - 130		

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

Lab Sample ID: LCSD 880-107566/2-A
Matrix: Solid
Analysis Batch: 107516

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107566

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1126		mg/Kg		113	70 - 130	24	35
Toluene			0.100	0.1105		mg/Kg		110	70 - 130	24	35
Ethylbenzene			0.100	0.1052		mg/Kg		105	70 - 130	25	35
m,p-Xylenes			0.200	0.2099		mg/Kg		105	70 - 130	25	35
o-Xylene			0.100	0.1043		mg/Kg		104	70 - 130	23	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-56863-1 MS
Matrix: Solid
Analysis Batch: 107516

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 107566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.00285		0.100	0.1024		mg/Kg		100	70 - 130		
Toluene	0.0501		0.100	0.1418		mg/Kg		92	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56863-1 MS
Matrix: Solid
Analysis Batch: 107516

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 107566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.0152		0.100	0.1043		mg/Kg		89	70 - 130
m,p-Xylenes	0.0479		0.200	0.2237		mg/Kg		88	70 - 130
o-Xylene	0.0164		0.100	0.1047		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-56863-1 MSD
Matrix: Solid
Analysis Batch: 107516

Client Sample ID: H-1 (0-0.5')
Prep Type: Total/NA
Prep Batch: 107566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.00285		0.100	0.1000		mg/Kg		97	70 - 130	2	35
Toluene	0.0501		0.100	0.1447		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.0152		0.100	0.1017		mg/Kg		86	70 - 130	3	35
m,p-Xylenes	0.0479		0.200	0.2197		mg/Kg		86	70 - 130	2	35
o-Xylene	0.0164		0.100	0.1018		mg/Kg		85	70 - 130	3	35

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

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

Lab Sample ID: MB 880-107636/1-A
Matrix: Solid
Analysis Batch: 107753

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 107636

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/14/25 14:36	04/15/25 08:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/14/25 14:36	04/15/25 08:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/14/25 14:36	04/15/25 08:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*04/14/25 14:36*	*04/15/25 08:36*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*04/14/25 14:36*	*04/15/25 08:36*	*1*

Lab Sample ID: LCS 880-107636/2-A
Matrix: Solid
Analysis Batch: 107753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107636

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1009		mg/Kg		101	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1077		mg/Kg		108	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-107636/2-A
Matrix: Solid
Analysis Batch: 107753

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 107636

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	129		70 - 130

Lab Sample ID: LCSD 880-107636/3-A
Matrix: Solid
Analysis Batch: 107753

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 107636

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	902.0		mg/Kg		90	70 - 130	11	20
Diesel Range Organics (Over C10-C28)			1000	898.9		mg/Kg		90	70 - 130	18	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: 880-56800-A-5-D MS
Matrix: Solid
Analysis Batch: 107753

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 107636

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1036		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	999	909.8		mg/Kg		89	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	127		70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: 880-56800-A-5-E MSD
Matrix: Solid
Analysis Batch: 107753

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107636

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1024		mg/Kg		102	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	890.0		mg/Kg		87	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	125		70 - 130
o-Terphenyl (Surr)	119		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-107582/1-A
Matrix: Solid
Analysis Batch: 107626

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			04/15/25 20:17	1

Lab Sample ID: LCS 880-107582/2-A
Matrix: Solid
Analysis Batch: 107626

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	272.6		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-107582/3-A
Matrix: Solid
Analysis Batch: 107626

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	272.2		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-56864-A-3-B MS
Matrix: Solid
Analysis Batch: 107626

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	132	F1	251	413.9	F1	mg/Kg		113	90 - 110		

Lab Sample ID: 880-56864-A-3-C MSD
Matrix: Solid
Analysis Batch: 107626

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	132	F1	251	413.5	F1	mg/Kg		112	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 107516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Total/NA	Solid	8021B	107566
880-56863-2	H-2 (0-0.5')	Total/NA	Solid	8021B	107566
880-56863-3	H-3 (0-0.5')	Total/NA	Solid	8021B	107566
880-56863-4	H-4 (0-0.5')	Total/NA	Solid	8021B	107566
MB 880-107566/5-A	Method Blank	Total/NA	Solid	8021B	107566
LCS 880-107566/1-A	Lab Control Sample	Total/NA	Solid	8021B	107566
LCSD 880-107566/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	107566
880-56863-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	107566
880-56863-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	107566

Prep Batch: 107566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-56863-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-56863-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-56863-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-107566/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-107566/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-107566/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-56863-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-56863-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 107775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56863-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56863-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-56863-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 107636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56863-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56863-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-56863-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-107636/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-107636/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-107636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-56800-A-5-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-56800-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 107753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	107636
880-56863-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	107636
880-56863-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	107636
880-56863-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	107636
MB 880-107636/1-A	Method Blank	Total/NA	Solid	8015B NM	107636
LCS 880-107636/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	107636

QC Association Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

GC Semi VOA (Continued)

Analysis Batch: 107753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-107636/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	107636
880-56800-A-5-D MS	Matrix Spike	Total/NA	Solid	8015B NM	107636
880-56800-A-5-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	107636

Analysis Batch: 107873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-56863-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-56863-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-56863-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 107582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-56863-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-56863-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-56863-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-107582/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-107582/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-107582/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-56864-A-3-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-56864-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 107626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-56863-1	H-1 (0-0.5')	Soluble	Solid	300.0	107582
880-56863-2	H-2 (0-0.5')	Soluble	Solid	300.0	107582
880-56863-3	H-3 (0-0.5')	Soluble	Solid	300.0	107582
880-56863-4	H-4 (0-0.5')	Soluble	Solid	300.0	107582
MB 880-107582/1-A	Method Blank	Soluble	Solid	300.0	107582
LCS 880-107582/2-A	Lab Control Sample	Soluble	Solid	300.0	107582
LCSD 880-107582/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	107582
880-56864-A-3-B MS	Matrix Spike	Soluble	Solid	300.0	107582
880-56864-A-3-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	107582

Lab Chronicle

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-56863-1
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	107566	04/14/25 10:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107516	04/14/25 11:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107775	04/14/25 11:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107873	04/15/25 16:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	107636	04/14/25 14:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107753	04/15/25 16:43	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	107582	04/14/25 11:12	SA	EET MID
Soluble	Analysis	300.0		1			107626	04/15/25 21:09	CH	EET MID

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

Lab Sample ID: 880-56863-2
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

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	107566	04/14/25 10:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107516	04/14/25 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107775	04/14/25 12:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107873	04/15/25 16:58	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	107636	04/14/25 14:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107753	04/15/25 16:58	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	107582	04/14/25 11:12	SA	EET MID
Soluble	Analysis	300.0		1			107626	04/15/25 21:26	CH	EET MID

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

Lab Sample ID: 880-56863-3
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	107566	04/14/25 10:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107516	04/14/25 12:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107775	04/14/25 12:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			107873	04/15/25 17:13	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	107636	04/14/25 14:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107753	04/15/25 17:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	107582	04/14/25 11:12	SA	EET MID
Soluble	Analysis	300.0		1			107626	04/15/25 21:32	CH	EET MID

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

Lab Sample ID: 880-56863-4
Matrix: Solid
Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

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	107566	04/14/25 10:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	107516	04/14/25 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			107775	04/14/25 12:59	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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

Date Collected: 04/07/25 00:00
Date Received: 04/14/25 09:22

Lab Sample ID: 880-56863-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			107873	04/15/25 17:28	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	107636	04/14/25 14:36	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	107753	04/15/25 17:28	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	107582	04/14/25 11:12	SA	EET MID
Soluble	Analysis	300.0		1			107626	04/15/25 21:38	CH	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: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

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: SD 23 Central Tank Battery-Flare

Job ID: 880-56863-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-56863-1	H-1 (0-0.5')	Solid	04/07/25 00:00	04/14/25 09:22
880-56863-2	H-2 (0-0.5')	Solid	04/07/25 00:00	04/14/25 09:22
880-56863-3	H-3 (0-0.5')	Solid	04/07/25 00:00	04/14/25 09:22
880-56863-4	H-4 (0-0.5')	Solid	04/07/25 00:00	04/14/25 09:22

Chain of Custody

880-56863 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	SD 23 Central Tank Battery - Flare	Turn Around	
Project Number:	2686	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	GPJ	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	2.4
Total Containers:		Corrected Temperature:	2.3

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	HOLD	Sample Comments
H-1 (0-0.5')	4/7/2025		X		Grab/	1		X	X	X		
H-2 (0-0.5')	4/7/2025		X		Grab/	1		X	X	X		
H-3 (0-0.5')	4/7/2025		X		Grab/	1		X	X	X		
H-4 (0-0.5')	4/7/2025		X		Grab/	1		X	X	X		

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		4/14/25 8:10	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020 1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-56863-1
SDG Number: Lea Co, NM

Login Number: 56863
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

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JOB DESCRIPTION

Salado Draw 23 CTB (12.03.2023)
Lea Co, NM

JOB NUMBER

880-55873-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

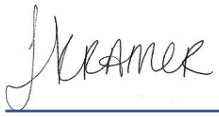
Eurofins Midland

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: Salado Draw 23 CTB (12.03.2023)

Laboratory Job ID: 880-55873-1
SDG: Lea Co, NM

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 6
Surrogate Summary 7
QC Sample Results 8
QC Association Summary 12
Lab Chronicle 14
Certification Summary 15
Method Summary 16
Sample Summary 17
Chain of Custody 18
Receipt Checklists 19

Definitions/Glossary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1

Job ID: 880-55873-1 Eurofins Midland

Job Narrative
880-55873-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The sample was received on 3/20/2025 4:23 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 -9.3°C.

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

Diesel Range Organics
Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-105765/2-A), (LCSD 880-105765/3-A), (880-55872-A-14-C MS) and (880-55872-A-14-D MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The Chloride matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-105780 and analytical batch 880-105791 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

The associated samples are: Rattlesnake Pit- Backfill Samples (880-55873-1), (880-55872-A-26-C), (880-55872-A-26-D MS) and (880-55872-A-26-E MSD).

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

Client Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Client Sample ID: Rattlesnake Pit- Backfill Samples

Lab Sample ID: 880-55873-1
Matrix: Solid
Date Collected: 03/19/25 00:00
Date Received: 03/20/25 16:23

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		03/21/25 12:41	03/21/25 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/25 12:41	03/21/25 17:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/21/25 12:41	03/21/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*03/21/25 12:41*	*03/21/25 17:57*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*03/21/25 12:41*	*03/21/25 17:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/21/25 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	<49.7	U	49.7		mg/Kg			03/22/25 06:14	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	<49.7	U	49.7		mg/Kg		03/21/25 11:44	03/22/25 06:14	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		03/21/25 11:44	03/22/25 06:14	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		03/21/25 11:44	03/22/25 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*03/21/25 11:44*	*03/22/25 06:14*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*03/21/25 11:44*	*03/22/25 06:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		9.96		mg/Kg			03/21/25 21:58	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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)
880-55863-A-1-D MS	Matrix Spike	105	102
880-55863-A-1-E MSD	Matrix Spike Duplicate	98	101
880-55873-1	Rattlesnake Pit- Backfill Samples	107	100
LCS 880-105749/1-A	Lab Control Sample	93	100
LCSD 880-105749/2-A	Lab Control Sample Dup	101	102
MB 880-105749/5-A	Method Blank	104	97

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)
880-55872-A-14-C MS	Matrix Spike	133 S1+	134 S1+
880-55872-A-14-D MSD	Matrix Spike Duplicate	132 S1+	133 S1+
880-55873-1	Rattlesnake Pit- Backfill Samples	129	115
LCS 880-105765/2-A	Lab Control Sample	136 S1+	143 S1+
LCSD 880-105765/3-A	Lab Control Sample Dup	158 S1+	140 S1+
MB 880-105765/1-A	Method Blank	120	118

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-105749/5-A
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105749

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/21/25 09:56	03/21/25 12:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/21/25 09:56	03/21/25 12:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*03/21/25 09:56*	*03/21/25 12:27*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*03/21/25 09:56*	*03/21/25 12:27*	*1*

Lab Sample ID: LCS 880-105749/1-A
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105749

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09519		mg/Kg		95	70 - 130		
Toluene			0.100	0.09579		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.08643		mg/Kg		86	70 - 130		
m,p-Xylenes			0.200	0.1751		mg/Kg		88	70 - 130		
o-Xylene			0.100	0.08776		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-105749/2-A
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105749

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1010		mg/Kg		101	70 - 130	6	35
Toluene			0.100	0.1019		mg/Kg		102	70 - 130	6	35
Ethylbenzene			0.100	0.09175		mg/Kg		92	70 - 130	6	35
m,p-Xylenes			0.200	0.1862		mg/Kg		93	70 - 130	6	35
o-Xylene			0.100	0.09378		mg/Kg		94	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-55863-A-1-D MS
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.100	0.1009		mg/Kg		101	70 - 130		
Toluene	0.0884	F1	0.100	0.1652		mg/Kg		77	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-55863-A-1-D MS
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105749

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.00488		0.100	0.09153		mg/Kg		87	70 - 130
m,p-Xylenes	0.0229		0.200	0.1979		mg/Kg		88	70 - 130
o-Xylene	0.00771		0.100	0.09433		mg/Kg		87	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-55863-A-1-E MSD
Matrix: Solid
Analysis Batch: 105721

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 105749

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.09402		mg/Kg		94	70 - 130	7	35
Toluene	0.0884	F1	0.100	0.1346	F1	mg/Kg		46	70 - 130	20	35
Ethylbenzene	0.00488		0.100	0.08369		mg/Kg		79	70 - 130	9	35
m,p-Xylenes	0.0229		0.200	0.1782		mg/Kg		78	70 - 130	11	35
o-Xylene	0.00771		0.100	0.08640		mg/Kg		79	70 - 130	9	35

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

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

Lab Sample ID: MB 880-105765/1-A
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 105765

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/21/25 11:44	03/22/25 01:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/21/25 11:44	03/22/25 01:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/21/25 11:44	03/22/25 01:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*03/21/25 11:44*	*03/22/25 01:07*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*03/21/25 11:44*	*03/22/25 01:07*	*1*

Lab Sample ID: LCS 880-105765/2-A
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105765

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1179		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1234		mg/Kg		123	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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

Lab Sample ID: LCS 880-105765/2-A
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 105765

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	136	S1+	70 - 130
o-Terphenyl (Surr)	143	S1+	70 - 130

Lab Sample ID: LCSD 880-105765/3-A
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 105765

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1179		mg/Kg		118	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	1139		mg/Kg		114	70 - 130	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	158	S1+	70 - 130
o-Terphenyl (Surr)	140	S1+	70 - 130

Lab Sample ID: 880-55872-A-14-C MS
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 105765

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1087		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1200		mg/Kg		120	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 880-55872-A-14-D MSD
Matrix: Solid
Analysis Batch: 105740

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 105765

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	1017		mg/Kg		102	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1163		mg/Kg		116	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-105780/1-A
Matrix: Solid
Analysis Batch: 105791

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			03/21/25 20:01	1

Lab Sample ID: LCS 880-105780/2-A
Matrix: Solid
Analysis Batch: 105791

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.2		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-105780/3-A
Matrix: Solid
Analysis Batch: 105791

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	248.2		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-55872-A-26-D MS
Matrix: Solid
Analysis Batch: 105791

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	216	F1	250	516.9	F1	mg/Kg		120	90 - 110		

Lab Sample ID: 880-55872-A-26-E MSD
Matrix: Solid
Analysis Batch: 105791

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	216	F1	250	517.1	F1	mg/Kg		120	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 105721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8021B	105749
MB 880-105749/5-A	Method Blank	Total/NA	Solid	8021B	105749
LCS 880-105749/1-A	Lab Control Sample	Total/NA	Solid	8021B	105749
LCSD 880-105749/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	105749
880-55863-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	105749
880-55863-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	105749

Prep Batch: 105749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	5035	
MB 880-105749/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-105749/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-105749/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-55863-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-55863-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 105928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 105740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8015B NM	105765
MB 880-105765/1-A	Method Blank	Total/NA	Solid	8015B NM	105765
LCS 880-105765/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	105765
LCSD 880-105765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	105765
880-55872-A-14-C MS	Matrix Spike	Total/NA	Solid	8015B NM	105765
880-55872-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	105765

Prep Batch: 105765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8015NM Prep	
MB 880-105765/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-105765/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-105765/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-55872-A-14-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-55872-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 106014

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 105780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Soluble	Solid	DI Leach	
MB 880-105780/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-105780/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-105780/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

HPLC/IC (Continued)

Leach Batch: 105780 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55872-A-26-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-55872-A-26-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 105791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-55873-1	Rattlesnake Pit- Backfill Samples	Soluble	Solid	300.0	105780
MB 880-105780/1-A	Method Blank	Soluble	Solid	300.0	105780
LCS 880-105780/2-A	Lab Control Sample	Soluble	Solid	300.0	105780
LCSD 880-105780/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	105780
880-55872-A-26-D MS	Matrix Spike	Soluble	Solid	300.0	105780
880-55872-A-26-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	105780

Lab Chronicle

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Client Sample ID: Rattlesnake Pit- Backfill Samples

Lab Sample ID: 880-55873-1

Date Collected: 03/19/25 00:00
Matrix: Solid
Date Received: 03/20/25 16:23

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	105749	03/21/25 12:41	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	105721	03/21/25 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			105928	03/21/25 17:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			106014	03/22/25 06:14	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	105765	03/21/25 11:44	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	105740	03/22/25 06:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	105780	03/21/25 13:48	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	105791	03/21/25 21:58	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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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	06-30-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

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: Salado Draw 23 CTB (12.03.2023)

Job ID: 880-55873-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-55873-1	Rattlesnake Pit- Backfill Samples	Solid	03/19/25 00:00	03/20/25 16:23

Chain of Custody

880-55873 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 West Wall Ste. 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-8988	Email:	ThielkeA@Carmonaresources.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Salado Draw 23 CTB (12.03.2023)	Turn Around	
Project Number:	2387	☑ Routine ☐ Rush	
Project Location	Lea Co, NM	Due Date:	Normal
Sampler's Name:	JR	TAT starts the day received by the lab, if received by 4:30pm	
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.2
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	-9.0
Total Containers:		Corrected Temperature:	-9.2

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
Rattlesnake Pit - Backfill Sample	3/19/2025		X		Comp	1		X	X	X		

Parameters / ANALYSIS REQUEST

Please send results to cmoehring@carmonaresources.com and mcarmona@carmonaresources.com

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		3/20/25 1603	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-55873-1
SDG Number: Lea Co, NM

Login Number: 55873
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461254
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2508551061**
Incident Name	**NAPP2508551061 SALADO DRAW 23 CENTRAL TANK BATTERY @ 0**
Incident Type	**Fire**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fAPP2134340195] Salado Draw 23 Central Tank Battery**

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Salado Draw 23 Central Tank Battery
Date Release Discovered	03/26/2025
Surface Owner	Federal

Incident Details *Please answer all the questions in this group.*	
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 *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure | Other (Specify) | Condensate | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
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)	Released from flare stack.

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

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

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 461254
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/13/2025

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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 100 and 500 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
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
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.	
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)	128
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	62
GRO+DRO (EPA SW-846 Method 8015M)	62
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	04/06/2025
On what date will (or did) the final sampling or liner inspection occur	04/07/2025
On what date will (or was) the remediation complete(d)	04/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	441
What is the estimated volume (in cubic yards) that will be reclaimed	10
What is the estimated surface area (in square feet) that will be remediated	441
What is the estimated volume (in cubic yards) that will be remediated	10
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

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	LEA LAND LANDFILL [fEEM0112342028]
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: Amy Barnhill Title: Waste & Water Specialist Email: ABarnhill@chevron.com Date: 05/13/2025
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

Deferral Requests Only *Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.*	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**448517**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**04/07/2025**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**440**

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	441
What was the total volume (cubic yards) remediated	10
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	441
What was the total volume (in cubic yards) reclaimed	10
Summarize any additional remediation activities not included by answers (above)	"Area was excavated (scraped) to a depth of 0.25' to remove all discolored soil. Following the surface scrape composite confirmation floor samples and horizontal delineation samples were collected to ensure all impact was removed. The area was backfilled with clean material and reseeded with BLM #2 seed mix."

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.

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QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	441
What was the total volume of replacement material (in cubic yards) for this site	10
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	04/28/2025
Summarize any additional reclamation activities not included by answers (above)	"Area was excavated (scraped) to a depth of 0.25' to remove all discolored soil. Following the surface scrape composite confirmation floor samples and horizontal delineation samples were collected to ensure all impact was removed. The area was backfilled with clean material and reseeded with BLM #2 seed mix."
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
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QUESTIONS

Revegetation Report	
Only answer the questions in this group if all surface restoration, reclamation and re-vegetation obligations have been satisfied.	
Requesting a restoration complete approval with this submission	No
Per Paragraph (4) of Subsection (D) of 19.15.29.13 NMAC for any major or minor release containing liquids, the responsible party must notify the division when reclamation and re-vegetation are complete.	

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CONDITIONS

Action 461254

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CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Reclamation Report for Incident #NAPP2508551061 SALADO DRAW 23 CENTRAL TANK BATTERY, thank you. This Reclamation Report is approved.	6/9/2025