CARMONA RESOURCES

SITE INFORMATION

Closure Report
Gramma Ridge Battery (09.08.2025)
Incident #: NAPP2525149049
Lea County, New Mexico
Unit D, Sec 14, T24S, R34E
32.222663°, -103.448462°

Produce Water Release
Point of Release: Equipment Failure
Release Date: 09.08.2025
Volume Released: 12 Barrels of Produced Water
Volume Recovered: 11 Barrels of Produced Water

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

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

CARMONA RESOURCES

September 23, 2025

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

Re: Closure Report
Gramma Ridge Battery (09.08.2025)
Incident ID: NAPP2525149049
Chevron U.S.A., Inc.
Site Location: Unit D, S14, T26S, R34E
32.222663, -103.448462
Lea County, New Mexico

Mr. Bratcher:

On behalf of Chevron U.S.A., Inc. (Chevron), Carmona Resources, LLC has prepared this letter to document remediation activities for the Gramma Ridge Battery. The site is located at 32.222663°, -103.448462° within Unit D, S14, T26S, R34E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the information obtained from the NMOCD portal, the release was discovered on September 8, 2025, caused by equipment failure releasing approximately twelve (12) barrels of produced water, of which eleven (11) barrels were recovered. The release area was contained to the well pad. The NMOCD correspondence is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest groundwater determination bore is located approximately 0.06 miles Northwest of the site in S14, T26S, R34E and was drilled in 2022. The determination bore was drilled to a depth of 55’ below ground surface (ft bgs). The determination bore was gauged 72 hours later and no evidence of groundwater was detected. A copy of the associated Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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4.0 Remediation Activities

Prior to Carmona Resources arriving on location, a third-party contractor was onsite to conduct a surface scrape of the impacted area to remove all stained soil. On September 17, 2025, Carmona Resources personnel were onsite to collect confirmation floor and horizontal delineation samples, from the scraped area. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on September 15, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The entire area was scraped to a depth of 0.5'. Due to the excavation area being less than 6 inches, horizontal delineation samples were collected in place of composite confirmation sidewall samples. A total of three (3) confirmation floor samples were collected (CS-1 through CS-3), and five (5) horizontal delineation samples (H-1 through H-5) were collected every 200 square feet to ensure the proper removal of the contaminated soils. 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. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depth, confirmation floor sample locations, and horizontal delineation samples are shown in Figure 3.

All final confirmation samples were below the regulatory requirements for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

Due to the depth of the surface scrape on the well pad, excess caliche from the edge of well pad was pushed into the scraped area to be leveled. A composite backfill sample was collected to be analyzed prior to use as backfill material for the area. See Table 1 for soil concentrations of those areas. Approximately 509 square feet of contamination was remediated, resulting in 6 cubic yards of material excavated and transported offsite for proper disposal.

5.0 Liner Inspection Activities

Prior to Carmona Resources conducting a Liner Inspection, Chevron contractors removed all fluid and washed the containment. The NMOCD division office was notified via NMOCD portal on September 15, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the NMOCD correspondence prior to performing the liner inspection. On August 15, 2025, Carmona Resources, LLC conducted liner inspection activities to assess the tank batteries lined containment integrity and determined there were no integrity issues. During that time, it was confirmed that all unrecovered fluid from the initial release had been removed. Refer to the Photolog in Appendix A. Figure 4 shows the containment area outline.

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 the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,
Carmona Resources, LLC

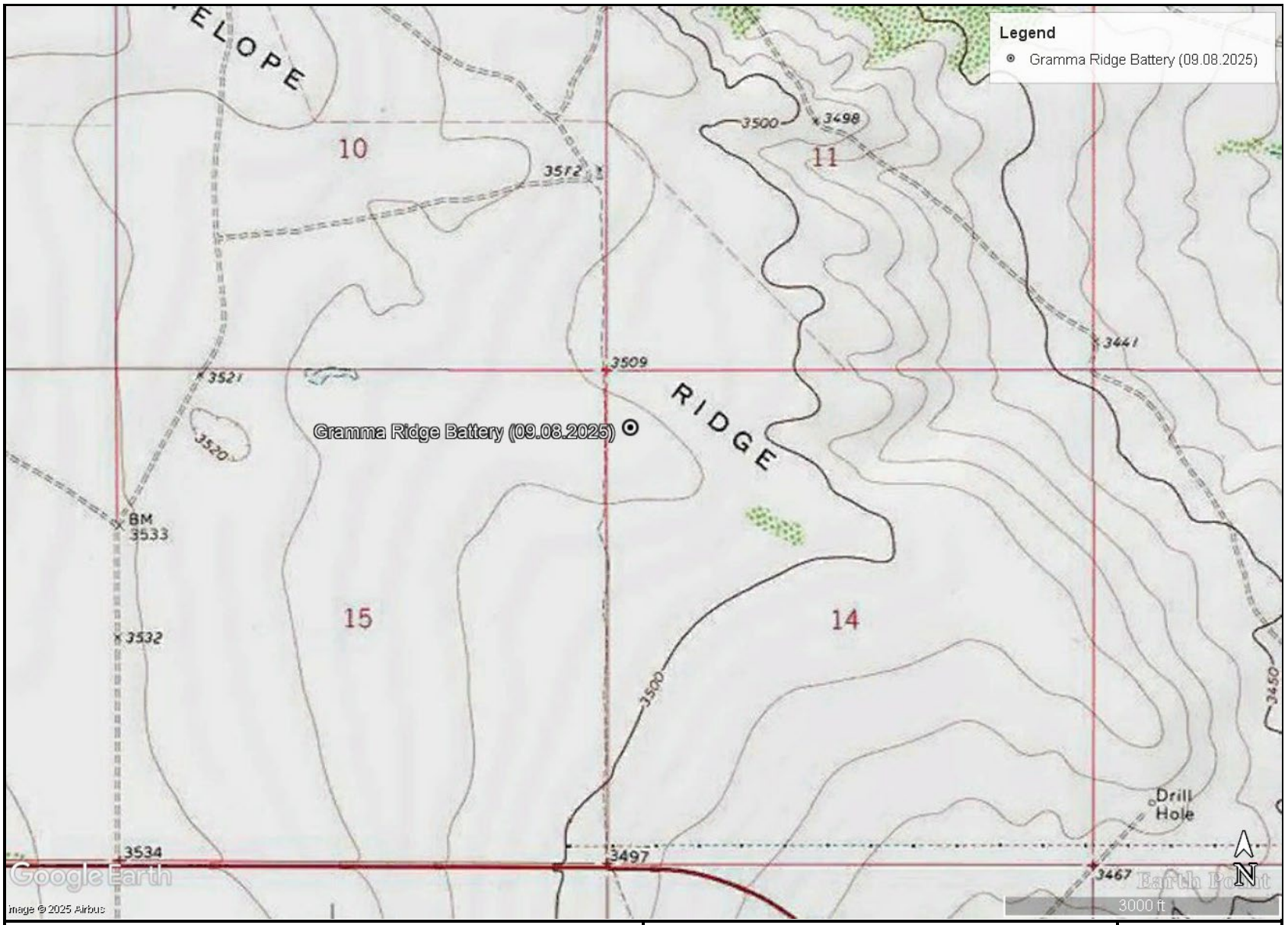
Ashton Thielke
Environmental Manager

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

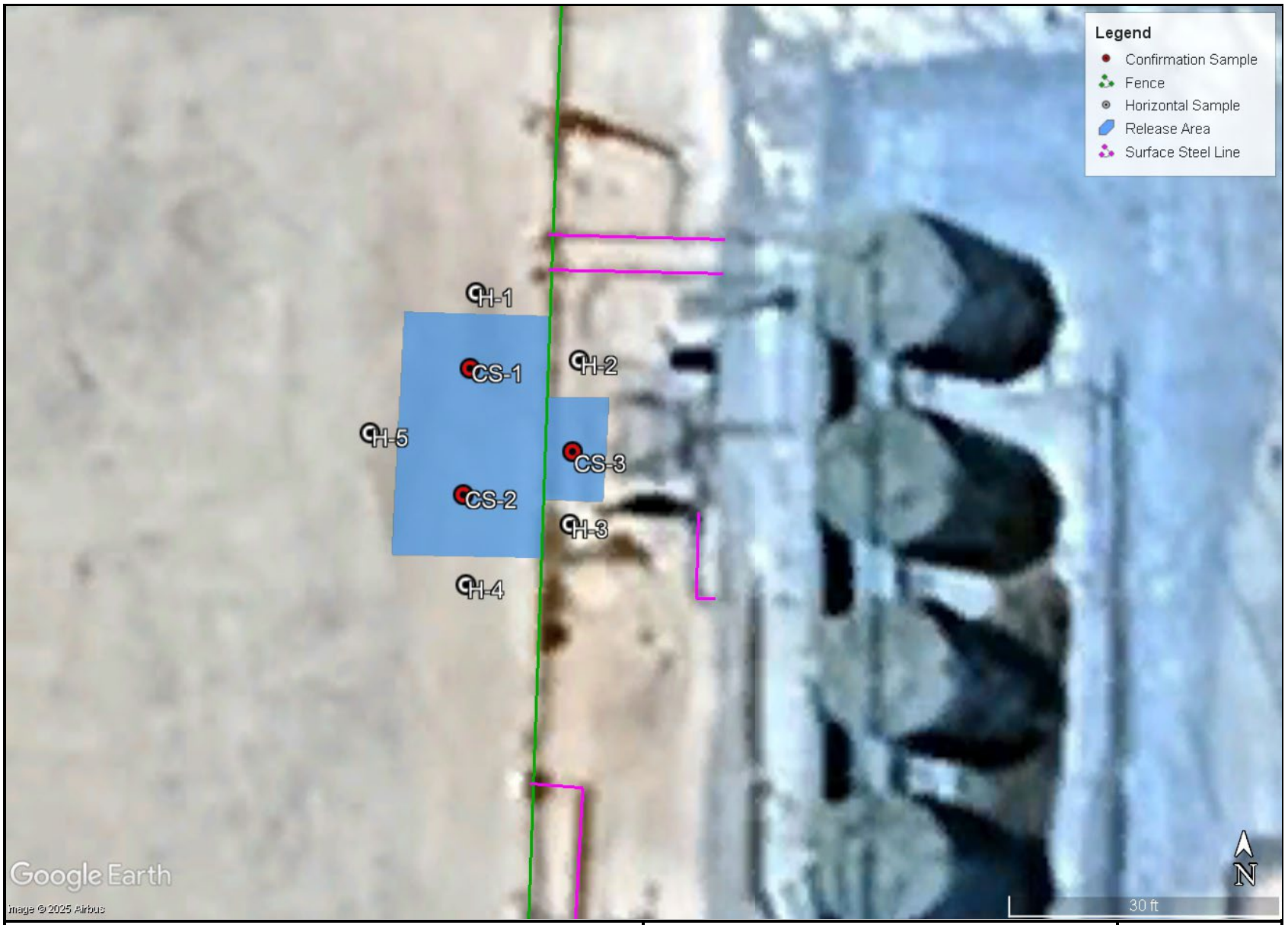
FIGURES

CARMONA RESOURCES

SITE OVERVIEW MAP CHEVRON U.S.A., INC. GRAMMA RIDGE BATTERY (09.08.2025) LEA COUNTY, NEW MEXICO 32.222663°, -103.448462°	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP CHEVRON U.S.A., INC. GRAMMA RIDGE BATTERY (09.08.2025) LEA COUNTY, NEW MEXICO 32.222663°, -103.448462°	CARMONA RESOURCES	FIGURE 2



SAMPLE LOCATION MAP CHEVRON U.S.A., INC. GRAMMA RIDGE BATTERY (09.08.2025) LEA COUNTY, NEW MEXICO 32.222663°, -103.448462°	CARMONA RESOURCES	FIGURE 3

CONTAINMENT MAP CHEVRON U.S.A., INC. GRAMMA RIDGE BATTERY (09.08.2025) LEA COUNTY, NEW MEXICO 32.222663°, -103.448462°	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
Chevron U.S.A., Inc.
Gramma Ridge Battery (09.08.2025)
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	9/17/2025	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	192
CS-2	9/17/2025	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,140
CS-3	9/17/2025	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,030
H-1	9/17/2025	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.9
H-2	9/17/2025	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	79.0
H-3	9/17/2025	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	87.9
H-4	9/17/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	112
H-5	9/17/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	202
Backfill	9/17/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	70.5
Regulatory Criteria [A]						**2,500 mg/kg**	**10 mg/kg**				**50 mg/kg**	**10,000 mg/kg**

[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

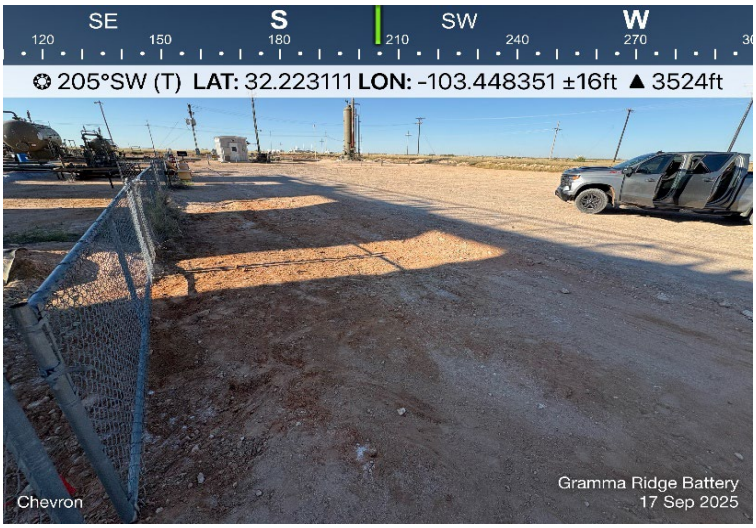
Chevron U.S.A., Inc.

Photograph No. 1

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

Description:
View Southwest, Area of CS-1 and CS-2. (Well Pad is a mixture of red sand and caliche)



Photograph No. 2

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

Description:
View Southeast, Area of CS-1 and CS-2.

Photograph No. 3

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

Description:
View East, Area of CS-1 through CS-3.

CARMONA RESOURCES

PHOTOGRAPHIC LOG

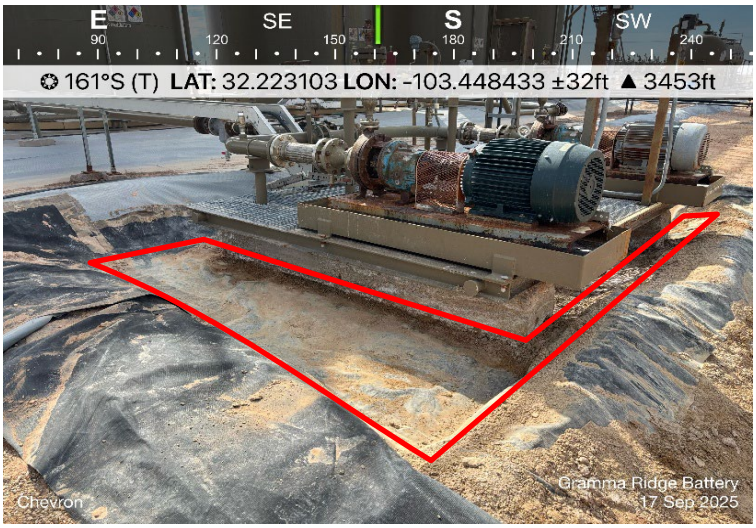
Chevron U.S.A., Inc.

Photograph No. 4

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

Description:
View South of the exposed liner.

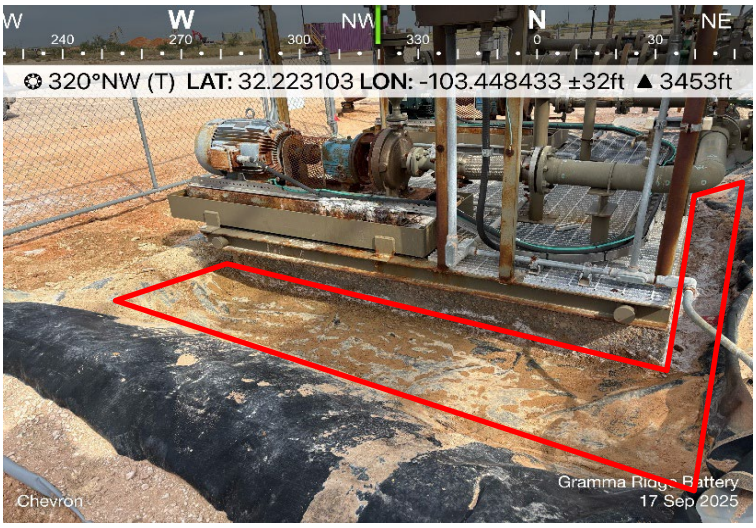


Photograph No. 5

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

Description:
View Northwest of the exposed liner.

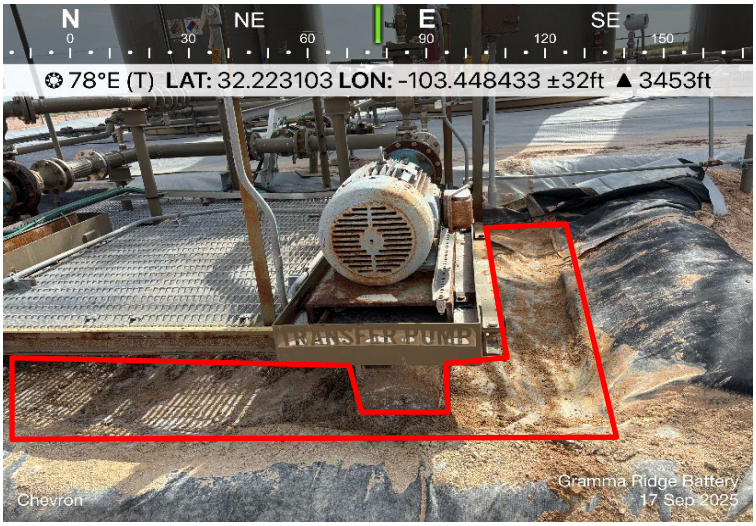


Photograph No. 6

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

Description:
View East of the exposed liner.



CARMONA RESOURCES

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 503796

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 503796
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Gramma Ridge Battery
Date Release Discovered	09/08/2025
Surface Owner	Private

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 12 BBL | Recovered: 11 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 503796
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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	*Not answered.*
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	*Not answered.*
All free liquids and recoverable materials have been removed and managed appropriately	*Not answered.*
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: 503796
	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

Action 503796

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 503796
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
bbauman	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/8/2025

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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: 505812
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2525149049**
Incident Name	**NAPP2525149049 GRAMMA RIDGE BATTERY @ FAPP2132747792**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**
Incident Facility	**[fAPP2132747792] Gramma Ridge Battery**

Location of Release Source	
Site Name	**Gramma Ridge Battery**
Date Release Discovered	**09/08/2025**
Surface Owner	**Private**

Liner Inspection Event Information *Please answer all the questions in this group.*	
What is the liner inspection surface area in square feet	100
Have all the impacted materials been removed from the liner	Yes
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	09/17/2025
Time liner inspection will commence	10:30 AM
Please provide any information necessary for observers to liner inspection	Carmona Resources – 432-813-8988
Please provide any information necessary for navigation to liner inspection site	32.222663°,-103.448462°

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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 505812

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 505812
	Action Type: [NOTIFY] Notification Of Liner Inspection (C-141L)

CONDITIONS

Created By	Condition	Condition Date
klincoln	Failure to notify the OCD of liner inspections including any changes in date/time per the requirements of 19.15.29.11.A(5)(a)(ii) NMAC, may result in the inspection not being accepted.	9/15/2025

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

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 505814
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2525149049**
Incident Name	**NAPP2525149049 GRAMMA RIDGE BATTERY @ FAPP2132747792**
Incident Type	**Produced Water Release**
Incident Status	**Notification Accepted**
Incident Facility	**[fAPP2132747792] Gramma Ridge Battery**

Location of Release Source	
Site Name	**Gramma Ridge Battery**
Date Release Discovered	**09/08/2025**
Surface Owner	**Private**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	480
What is the estimated number of samples that will be gathered	3
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/17/2025
Time sampling will commence	10:30 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	“(32.222663°,-103.448462°) During emergency response, a surface scrape was conducted to a depth of 0.5’ ft. Carmona Resources will be onsite to collect composite confirmation floor samples and horizontal “grab” samples due to the depth of the excavation being less than 1.0’ ft.

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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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: 505814
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
klincoln	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.	9/15/2025
klincoln	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	9/15/2025

Area	Shape	Secondary Containment	Standing Liquid Dimension	Standing Liquid Volume	Water Cut	Oil Volume	Penetration Depth	Water to Soil Volume	Water Volume
1	Rectangle	Berm	10 ft x 15 ft x 2.5 in	5.733 bbl	100%	0.000 bbl	0.5 in	0.167 bbl	5.733 bbl
2	Rectangle	Land	29 ft x 13 ft x 1 in	6.225 bbl	100%	0.000 bbl	.750 in	0.629 bbl	6.225 bbl
3				bbl	%	bbl		bbl	
4				bbl	%	bbl		bbl	
5				bbl	%	bbl		bbl	
6				bbl	%	bbl		bbl	
7				bbl	%	bbl		bbl	
Rec Vol									11.162
Total Vol									11.958

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

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 506900
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2525149049**
Incident Name	**NAPP2525149049 GRAMMA RIDGE BATTERY @ FAPP2132747792**
Incident Type	**Produced Water Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2132747792] Gramma Ridge Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Gramma Ridge Battery
Date Release Discovered	09/08/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 12 BBL | Recovered: 11 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 506900
	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)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: Benjamin Bauman Title: Air Specialist Email: benjaminbauman@chevron.com Date: 09/17/2025

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

QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 506900
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	*Not answered.*
What method was used to determine the depth to ground water	*Not answered.*
Did this release impact groundwater or surface water	*Not answered.*
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	*Not answered.*
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	*Not answered.*
An occupied permanent residence, school, hospital, institution, or church	*Not answered.*
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	*Not answered.*
Any other fresh water well or spring	*Not answered.*
Incorporated municipal boundaries or a defined municipal fresh water well field	*Not answered.*
A wetland	*Not answered.*
A subsurface mine	*Not answered.*
An (non-karst) unstable area	*Not answered.*
Categorize the risk of this well / site being in a karst geology	*Not answered.*
A 100-year floodplain	*Not answered.*
Did the release impact areas not on an exploration, development, production, or storage site	*Not answered.*

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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Phone: (505) 476-3441

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

CONDITIONS

Action 506900

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 506900
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	9/18/2025

Liner Integrity Certification

The following serves to verify that the affected liner has been inspected and found to be in serviceable condition in accordance with 19.15.29.11 A.(5)(a)(i-ii) of the New Mexico Administrative Code.

Facility ID: fAPP2132747792

Date: 09/23/2025

Incident ID(s): nAPP2525149049

- ☑ Responsible Party has visually inspected the liner.
- ☑ Liner remains intact and was able to contain the leak in question.
- ☑ At least two business days' notice was given to the appropriate division district office before conducting the liner inspection.
- ☑ Photographs illustrating liner integrity are included.

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

Chevron USA

Legend

- 0.06 Miles
- 0.50 Mile Radius
- Gramma Ridge Battery (09.08.2025)
- Groundwater Determination Bore

55' GWDB - Drilled 2022

Gramma Ridge Battery (09.08.2025)

Google Earth

N

3000 ft

Low Karst

Chevron USA

Legend

Gramma Ridge Battery (09.08.2025)

Low

Gramma Ridge Battery (09.08.2025)

Google Earth

Image © 2025 Airbus

N

3000 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 smallest to largest)

(meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 03932 POD13		CUB	LE	SE	NE	SW	15	24S	34E	645314.2	3565203.5		1358	90		
C 02387		CUB	LE			NW	11	24S	34E	646513.0	3567613.0 *		1423	62	40	22
C 03943 POD1		CUB	LE	NE	SE	NE	21	24S	34E	644522.6	3564266.6		2584	610	431	179
C 04737 POD1		CUB	LE	NW	SW	SW	24	24S	34E	647828.5	3563471.0		3188	250		
P 04400 POD2		P	RO	SE	NE	NW	21	01S	33E	642775.3	3565051.9		3632	95		
C 04918 POD1		CUB	LE	SE	NE	NW	25	24S	34E	648275.6	3563167.3		3683	75		
C 02386		CUB	LE	SE	NW	NE	04	24S	34E	643962.0	3569290.0 *		3807	575	475	100
C 02397		CUB	LE	SE	NW	NE	04	24S	34E	643962.0	3569290.0 *		3807	575	475	100

Average Depth to Water: **355 feet**

Minimum Depth: **40 feet**

Maximum Depth: **475 feet**

Record Count: 8

UTM Filters (in meters):

Easting: 646214.70

Northing: 3566220.61

Radius: 4000

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

212C-MD-02820 | TETRA TECH | **LOG OF BORING DTW** | Page 1 of 1

Project Name: Bronco Water Release Revelation Pond

Borehole Location: GPS Coordinate: 32.223436°, -103.449230° | Surface Elevation: 3513 ft

Borehole Number: DTW | Borehole Diameter (in.): | Date Started: 8/22/2022 | Date Finished: 8/22/2022

WATER LEVEL OBSERVATIONS

While Drilling ▽ DRY ft Upon Completion of Drilling ▼ DRY ft

Remarks:

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm) ExStik	VOC FIELD SCREENING (ppm) PID	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT LL	PLASTICITY INDEX PI	MINUS NO. 200 (%)	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH (ft)	REMARKS
0												**-SM-** SAND: Brown, loose, dry	1	
												-- CALICHE: Tan, dense, dry, with occasional thin beds of loose sand and gravel interbeds	4	
5												**-SM-** SAND: Tan, loose, trace gravel, dry	7	
												-- CALICHE: White to tan, medium stiff, with abundant gravel, dry		
10													14	
15												**-SM-** SAND: Light brown, loose, dry		
20														
25													29	
30												**-SM-** SAND: Reddish brown, loose, dry		
35														
40														
45														
50													53	
55												**-SC-** CLAYEY SAND: Red, medium dense, medium plasticity, dry	55	

Bottom of borehole at 55.0 feet.

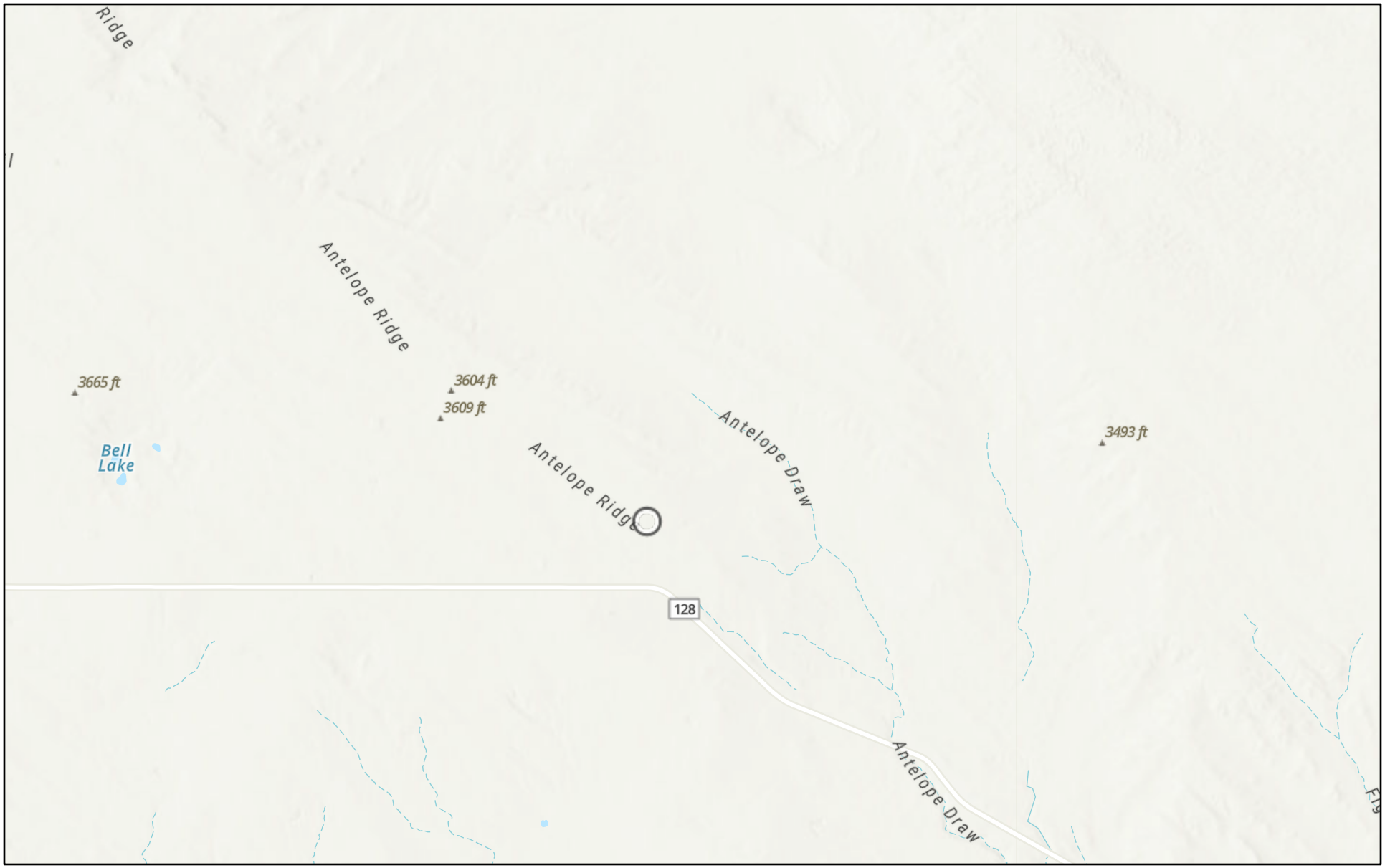
Sampler Types: Split Spoon, Acetate Liner, Shelby, Vane Shear, Bulk Sample, Discrete Sample, Grab Sample, Test Pit

Operation Types: Mud Rotary, Hand Auger, Air Rotary, Continuous Flight Auger, Direct Push, Wash Rotary, Core Barrel

Notes: Surface elevation is an estimated value from Google Earth data.

Logger: Joe Tyler | Drilling Equipment: Air Rotary | Driller: Scarborough Drilling

Gramma Ridge Battery (09.08.2025)



9/9/2025

World_Hillshade

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

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

Gramma Ridge Battery (09.08.2025)

9/9/2025, 7:54:46 AM

OSW Water Bodys

OSE Streams

1:72,224

0 0.75 1.5 3 mi

0 1.25 2.5 5 km

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

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 9/18/2025 11:53:17 AM

JOB DESCRIPTION

GRAMMA RIDGE BATTERY
2860

JOB NUMBER

890-8814-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

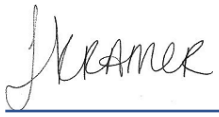
Eurofins Carlsbad

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
9/18/2025 11:53:17 AM

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

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Laboratory Job ID: 890-8814-1
SDG: 2860

Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 890-8814-1
Project/Site: GRAMMA RIDGE BATTERY SDG: 2860

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
Project: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1

Job ID: 890-8814-1 Eurofins Carlsbad

Job Narrative
890-8814-1

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

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

Receipt
The samples were received on 9/17/2025 1:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.6°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: CS -1 (0.5') (890-8814-1), CS -2 (0.5') (890-8814-2) and CS -3 (0.5') (890-8814-3).

The following samples were received and analyzed from an unpreserved bulk soil jar: CS -1 (0.5') (890-8814-1), CS -2 (0.5') (890-8814-2) and CS -3 (0.5') (890-8814-3).

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 880-119084/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-119084/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-119177 and analytical batch 880-119184 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: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Client Sample ID: CS -1 (0.5')

Lab Sample ID: 890-8814-1
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/17/25 16:30	09/18/25 08:18	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/17/25 16:30	09/18/25 08:18	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/17/25 16:30	09/18/25 08:18	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		09/17/25 16:30	09/18/25 08:18	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/17/25 16:30	09/18/25 08:18	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/17/25 16:30	09/18/25 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/17/25 16:30*	*09/18/25 08:18*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*09/17/25 16:30*	*09/18/25 08:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/18/25 08:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/18/25 11:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/17/25 07:40	09/18/25 11:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/17/25 07:40	09/18/25 11:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/17/25 07:40	09/18/25 11:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*09/17/25 07:40*	*09/18/25 11:45*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*09/17/25 07:40*	*09/18/25 11:45*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**192**		9.94		mg/Kg			09/18/25 11:07	1

Client Sample ID: CS -2 (0.5')

Lab Sample ID: 890-8814-2
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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		09/17/25 16:30	09/18/25 08:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/25 16:30	09/18/25 08:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/25 16:30	09/18/25 08:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/17/25 16:30	09/18/25 08:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/25 16:30	09/18/25 08:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/25 16:30	09/18/25 08:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/17/25 16:30*	*09/18/25 08:39*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/17/25 16:30*	*09/18/25 08:39*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Client Sample ID: CS -2 (0.5')

Lab Sample ID: 890-8814-2
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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			09/18/25 08:39	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			09/18/25 12:00	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		09/17/25 07:40	09/18/25 12:00	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 12:00	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 12:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*09/17/25 07:40*	*09/18/25 12:00*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*09/17/25 07:40*	*09/18/25 12:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7140**		99.2		mg/Kg			09/18/25 11:24	10

Client Sample ID: CS -3 (0.5')

Lab Sample ID: 890-8814-3
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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		09/17/25 16:30	09/18/25 08:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 16:30	09/18/25 08:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 16:30	09/18/25 08:59	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		09/17/25 16:30	09/18/25 08:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 16:30	09/18/25 08:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/17/25 16:30	09/18/25 08:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/17/25 16:30*	*09/18/25 08:59*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*09/17/25 16:30*	*09/18/25 08:59*	*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			09/18/25 08:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/18/25 12:15	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	<49.8	U	49.8		mg/Kg		09/17/25 07:40	09/18/25 12:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/17/25 07:40	09/18/25 12:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Client Sample ID: CS -3 (0.5')

Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Lab Sample ID: 890-8814-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/17/25 07:40	09/18/25 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*09/17/25 07:40*	*09/18/25 12:15*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/17/25 07:40*	*09/18/25 12:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4030**		50.4		mg/Kg			09/18/25 11:30	5

Surrogate Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

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)										
880-62727-A-1-B MS	Matrix Spike	102	99										
880-62727-A-1-C MSD	Matrix Spike Duplicate	105	104										
890-8814-1	CS -1 (0.5')	92	99										
890-8814-2	CS -2 (0.5')	97	92										
890-8814-3	CS -3 (0.5')	99	91										
LCS 880-119122/1-A	Lab Control Sample	97	99										
LCSD 880-119122/2-A	Lab Control Sample Dup	90	101										
MB 880-119105/5-A	Method Blank	97	90										
MB 880-119122/5-A	Method Blank	99	87										

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)										
890-8811-A-29-C MS	Matrix Spike	92	103										
890-8811-A-29-D MSD	Matrix Spike Duplicate	92	103										
890-8814-1	CS -1 (0.5')	88	91										
890-8814-2	CS -2 (0.5')	85	87										
890-8814-3	CS -3 (0.5')	94	98										
LCS 880-119084/2-A	Lab Control Sample	128	144 S1+										
LCSD 880-119084/3-A	Lab Control Sample Dup	144 S1+	135 S1+										
MB 880-119084/1-A	Method Blank	71	77										

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-119105/5-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/25 08:53	09/17/25 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/17/25 08:53*	*09/17/25 11:33*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/17/25 08:53*	*09/17/25 11:33*	*1*

Lab Sample ID: MB 880-119122/5-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/25 09:35	09/17/25 22:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/17/25 09:35*	*09/17/25 22:31*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/17/25 09:35*	*09/17/25 22:31*	*1*

Lab Sample ID: LCS 880-119122/1-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119122

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08801		mg/Kg		88	70 - 130		
Toluene			0.100	0.08671		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.09192		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1994		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.09439		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-119122/2-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119122

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09083		mg/Kg		91	70 - 130	3	35

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

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

Lab Sample ID: LCSD 880-119122/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119096 — **Prep Batch: 119122**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08806		mg/Kg		88	70 - 130	2	35
Ethylbenzene			0.100	0.09411		mg/Kg		94	70 - 130	2	35
m,p-Xylenes			0.200	0.2031		mg/Kg		102	70 - 130	2	35
o-Xylene			0.100	0.09628		mg/Kg		96	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-62727-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119096 — **Prep Batch: 119122**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.07735		mg/Kg		77	70 - 130
Toluene	<0.00201	U	0.100	0.07406		mg/Kg		74	70 - 130
Ethylbenzene	0.00283		0.100	0.07550		mg/Kg		73	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1549		mg/Kg		77	70 - 130
o-Xylene	0.00253		0.100	0.07864		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-62727-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119096 — **Prep Batch: 119122**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.07898		mg/Kg		79	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.07406		mg/Kg		74	70 - 130	0	35
Ethylbenzene	0.00283		0.100	0.08027		mg/Kg		77	70 - 130	6	35
m,p-Xylenes	<0.00402	U	0.200	0.1588		mg/Kg		79	70 - 130	3	35
o-Xylene	0.00253		0.100	0.08178		mg/Kg		79	70 - 130	4	35

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

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

Lab Sample ID: MB 880-119084/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119194 — **Prep Batch: 119084**

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		09/17/25 07:40	09/18/25 08:52	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

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

Lab Sample ID: MB 880-119084/1-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*09/17/25 07:40*	*09/18/25 08:52*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*09/17/25 07:40*	*09/18/25 08:52*	*1*

Lab Sample ID: LCS 880-119084/2-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1008		mg/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*128*		*70 - 130*
o-Terphenyl (Surr)	*144*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-119084/3-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119084

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1040		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	889.8		mg/Kg		89	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*

Lab Sample ID: 890-8811-A-29-C MS
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 119084

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	999	880.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	999	764.4		mg/Kg		77	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

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

Lab Sample ID: 890-8811-A-29-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119194 — **Prep Batch: 119084**

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	999	893.0		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	772.6		mg/Kg		77	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-119177/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119184

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			09/18/25 09:09	1

Lab Sample ID: LCS 880-119177/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119184

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.4		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-119177/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119184

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	251.1		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-8810-A-12-E MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119184

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3910	F1	1240	5688	F1	mg/Kg		143	90 - 110

Lab Sample ID: 890-8810-A-12-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119184

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3910	F1	1240	5698	F1	mg/Kg		144	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

GC VOA

Analysis Batch: 119096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Total/NA	Solid	8021B	119122
890-8814-2	CS -2 (0.5')	Total/NA	Solid	8021B	119122
890-8814-3	CS -3 (0.5')	Total/NA	Solid	8021B	119122
MB 880-119105/5-A	Method Blank	Total/NA	Solid	8021B	119105
MB 880-119122/5-A	Method Blank	Total/NA	Solid	8021B	119122
LCS 880-119122/1-A	Lab Control Sample	Total/NA	Solid	8021B	119122
LCSD 880-119122/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	119122
880-62727-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	119122
880-62727-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	119122

Prep Batch: 119105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-119105/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 119122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Total/NA	Solid	5035	
890-8814-2	CS -2 (0.5')	Total/NA	Solid	5035	
890-8814-3	CS -3 (0.5')	Total/NA	Solid	5035	
MB 880-119122/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-119122/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-119122/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-62727-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-62727-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 119213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Total/NA	Solid	Total BTEX	
890-8814-2	CS -2 (0.5')	Total/NA	Solid	Total BTEX	
890-8814-3	CS -3 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 119084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Total/NA	Solid	8015NM Prep	
890-8814-2	CS -2 (0.5')	Total/NA	Solid	8015NM Prep	
890-8814-3	CS -3 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-119084/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-119084/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-119084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8811-A-29-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8811-A-29-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 119194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Total/NA	Solid	8015B NM	119084
890-8814-2	CS -2 (0.5')	Total/NA	Solid	8015B NM	119084
890-8814-3	CS -3 (0.5')	Total/NA	Solid	8015B NM	119084
MB 880-119084/1-A	Method Blank	Total/NA	Solid	8015B NM	119084
LCS 880-119084/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	119084

QC Association Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

GC Semi VOA (Continued)

Analysis Batch: 119194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-119084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	119084
890-8811-A-29-C MS	Matrix Spike	Total/NA	Solid	8015B NM	119084
890-8811-A-29-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	119084

Analysis Batch: 119232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Total/NA	Solid	8015 NM	
890-8814-2	CS -2 (0.5')	Total/NA	Solid	8015 NM	
890-8814-3	CS -3 (0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 119177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Soluble	Solid	DI Leach	
890-8814-2	CS -2 (0.5')	Soluble	Solid	DI Leach	
890-8814-3	CS -3 (0.5')	Soluble	Solid	DI Leach	
MB 880-119177/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-119177/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-119177/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8810-A-12-E MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8810-A-12-F MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 119184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8814-1	CS -1 (0.5')	Soluble	Solid	300.0	119177
890-8814-2	CS -2 (0.5')	Soluble	Solid	300.0	119177
890-8814-3	CS -3 (0.5')	Soluble	Solid	300.0	119177
MB 880-119177/1-A	Method Blank	Soluble	Solid	300.0	119177
LCS 880-119177/2-A	Lab Control Sample	Soluble	Solid	300.0	119177
LCSD 880-119177/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	119177
890-8810-A-12-E MS	Matrix Spike	Soluble	Solid	300.0	119177
890-8810-A-12-F MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	119177

Lab Chronicle

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Client Sample ID: CS -1 (0.5')

Lab Sample ID: 890-8814-1
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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	119122	09/17/25 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119096	09/18/25 08:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119213	09/18/25 08:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			119232	09/18/25 11:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 11:45	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	119177	09/18/25 08:06	SA	EET MID
Soluble	Analysis	300.0		1			119184	09/18/25 11:07	CS	EET MID

Client Sample ID: CS -2 (0.5')

Lab Sample ID: 890-8814-2
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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	119122	09/17/25 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119096	09/18/25 08:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119213	09/18/25 08:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			119232	09/18/25 12:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 12:00	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	119177	09/18/25 08:06	SA	EET MID
Soluble	Analysis	300.0		10			119184	09/18/25 11:24	CS	EET MID

Client Sample ID: CS -3 (0.5')

Lab Sample ID: 890-8814-3
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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	119122	09/17/25 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119096	09/18/25 08:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119213	09/18/25 08:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			119232	09/18/25 12:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 12:15	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	119177	09/18/25 08:06	SA	EET MID
Soluble	Analysis	300.0		5			119184	09/18/25 11:30	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

Method Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

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: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1
SDG: 2860

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8814-1	CS -1 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico
890-8814-2	CS -2 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico
890-8814-3	CS -3 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico

Chain of Custody

Work Order No: _____

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:	Gramma Ridge Battery	Turn Around	
Project Number:	2860	☐ Routine	☑ Rush
Project Location	Lea Co, NM	Due Date:	24 HR
Sampler's Name:	KR	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:	Thermo 7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.8
Total Containers:		Corrected Temperature:	-5.6

ANALYSIS REQUEST

Pres. Code

Parameters: BTEX 8021B; TPH 8015M (GRO + DRO + MRO); Chloride 300.0; HOLD

890-8814 Chain of Custody

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S_0: 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	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	HOLD	Sample Comments
CS-1 (0.5')	9/17/2025		X		C	1	X	X	X		
CS-2 (0.5')	9/17/2025		X		C	1	X	X	X		
CS-3 (0.5')	9/17/2025		X		C	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		9/17 15:09	4		
3			6		
5					

Revised Date 05012020 Rev. 2020.1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-5888.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8814-1
Address: 1211 W. Florida Ave,	Due Date Requested: 9/18/2025			
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GRAMMA RIDGE BATTERY	Project #: 89000237			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
CS -1 (0.5') (890-8814-1)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	
CS -2 (0.5') (890-8814-2)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	
CS -3 (0.5') (890-8814-3)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Leticia Juarez	9/17/25 16:30				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/18/25 700	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4 / 3.3

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8814-1
SDG Number: 2860

Login Number: 8814
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8814-1
SDG Number: 2860

Login Number: 8814
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 09/18/25 07:31 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/22/2025 2:38:05 PM

JOB DESCRIPTION

GRAMMA RIDGE BATTERY
2860

JOB NUMBER

890-8813-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

my EOL

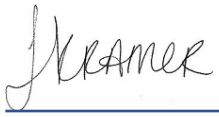
Eurofins Carlsbad

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
9/22/2025 2:38:05 PM

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

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Laboratory Job ID: 890-8813-1
SDG: 2860

Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 890-8813-1
Project/Site: GRAMMA RIDGE BATTERY SDG: 2860

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
Project: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1

Job ID: 890-8813-1 Eurofins Carlsbad

Job Narrative
890-8813-1

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

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

Receipt
The samples were received on 9/17/2025 1:09 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (0.5') (890-8813-1), H - 2 (0.5') (890-8813-2), H - 3 (0.5') (890-8813-3), H - 4 (0.5') (890-8813-4) and H - 5 (0.5') (890-8813-5).

The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (0.5') (890-8813-1), H - 2 (0.5') (890-8813-2), H - 3 (0.5') (890-8813-3), H - 4 (0.5') (890-8813-4) and H - 5 (0.5') (890-8813-5).

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 880-119084/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-119084/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-119220 and analytical batch 880-119260 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: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Client Sample ID: H - 1 (0.5')

Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Lab Sample ID: 890-8813-1
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/18/25 07:54	09/18/25 12:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/18/25 07:54	09/18/25 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*09/18/25 07:54*	*09/18/25 12:06*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*09/18/25 07:54*	*09/18/25 12:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/18/25 12:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/18/25 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/17/25 07:40	09/18/25 16:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/17/25 07:40	09/18/25 16:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/17/25 07:40	09/18/25 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*09/17/25 07:40*	*09/18/25 16:03*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/17/25 07:40*	*09/18/25 16:03*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.9**		10.1		mg/Kg			09/19/25 10:36	1

Client Sample ID: H - 2 (0.5')

Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Lab Sample ID: 890-8813-2
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/18/25 07:54	09/18/25 12:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/18/25 07:54	09/18/25 12:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/18/25 07:54	09/18/25 12:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/18/25 07:54	09/18/25 12:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/18/25 07:54	09/18/25 12:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/18/25 07:54	09/18/25 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/18/25 07:54*	*09/18/25 12:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/18/25 07:54*	*09/18/25 12:26*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Client Sample ID: H - 2 (0.5')

Lab Sample ID: 890-8813-2
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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			09/18/25 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/18/25 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 16:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 16:18	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*09/17/25 07:40*	*09/18/25 16:18*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*09/17/25 07:40*	*09/18/25 16:18*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.0**		9.98		mg/Kg			09/19/25 10:42	1

Client Sample ID: H - 3 (0.5')

Lab Sample ID: 890-8813-3
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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		09/18/25 07:54	09/18/25 12:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 12:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 12:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		09/18/25 07:54	09/18/25 12:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 12:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/18/25 07:54	09/18/25 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/18/25 07:54*	*09/18/25 12:47*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*09/18/25 07:54*	*09/18/25 12:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/18/25 12:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			09/18/25 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		09/17/25 07:40	09/18/25 16:33	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		09/17/25 07:40	09/18/25 16:33	1

Client Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Client Sample ID: H - 3 (0.5')

Lab Sample ID: 890-8813-3
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		09/17/25 07:40	09/18/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*09/17/25 07:40*	*09/18/25 16:33*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*09/17/25 07:40*	*09/18/25 16:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.9**		10.1		mg/Kg			09/19/25 10:48	1

Client Sample ID: H - 4 (0.5')

Lab Sample ID: 890-8813-4
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 13:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 13:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 13:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/18/25 07:54	09/18/25 13:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 13:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/18/25 07:54	09/18/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/18/25 07:54*	*09/18/25 13:07*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*09/18/25 07:54*	*09/18/25 13:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/18/25 13:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/22/25 11:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/18/25 07:42	09/22/25 11:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/18/25 07:42	09/22/25 11:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/18/25 07:42	09/22/25 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*09/18/25 07:42*	*09/22/25 11:26*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*09/18/25 07:42*	*09/22/25 11:26*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.1		mg/Kg			09/19/25 10:54	1

Client Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Client Sample ID: H - 5 (0.5')

Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Lab Sample ID: 890-8813-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		09/18/25 07:54	09/18/25 13:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/18/25 07:54	09/18/25 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*09/18/25 07:54*	*09/18/25 13:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/18/25 07:54*	*09/18/25 13:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/18/25 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/22/25 12:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 12:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 12:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*09/18/25 07:42*	*09/22/25 12:11*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*09/18/25 07:42*	*09/22/25 12:11*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**202**	**F1**	9.90		mg/Kg			09/19/25 11:00	1

Surrogate Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

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)
890-8813-1	H - 1 (0.5')	93	104
890-8813-1 MS	H - 1 (0.5')	98	98
890-8813-1 MSD	H - 1 (0.5')	97	98
890-8813-2	H - 2 (0.5')	92	100
890-8813-3	H - 3 (0.5')	94	102
890-8813-4	H - 4 (0.5')	108	128
890-8813-5	H - 5 (0.5')	92	100
LCS 880-119173/1-A	Lab Control Sample	100	100
LCSD 880-119173/2-A	Lab Control Sample Dup	99	100
MB 880-119173/5-A	Method Blank	89	116

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)
890-8811-A-29-C MS	Matrix Spike	92	103
890-8811-A-29-D MSD	Matrix Spike Duplicate	92	103
890-8813-1	H - 1 (0.5')	90	92
890-8813-2	H - 2 (0.5')	102	107
890-8813-3	H - 3 (0.5')	94	99
890-8813-4	H - 4 (0.5')	81	79
890-8813-4 MS	H - 4 (0.5')	78	84
890-8813-4 MSD	H - 4 (0.5')	94	83
890-8813-5	H - 5 (0.5')	82	82
LCS 880-119084/2-A	Lab Control Sample	128	144 S1+
LCS 880-119172/2-A	Lab Control Sample	106	116
LCSD 880-119084/3-A	Lab Control Sample Dup	144 S1+	135 S1+
LCSD 880-119172/3-A	Lab Control Sample Dup	102	114
MB 880-119084/1-A	Method Blank	71	77
MB 880-119172/1-A	Method Blank	112	115

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-119173/5-A
Matrix: Solid
Analysis Batch: 119182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119173

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 11:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 11:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 11:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/18/25 07:54	09/18/25 11:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/18/25 07:54	09/18/25 11:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/18/25 07:54	09/18/25 11:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*09/18/25 07:54*	*09/18/25 11:44*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*09/18/25 07:54*	*09/18/25 11:44*	*1*

Lab Sample ID: LCS 880-119173/1-A
Matrix: Solid
Analysis Batch: 119182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119173

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1042		mg/Kg		104	70 - 130		
Toluene			0.100	0.1056		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1079		mg/Kg		108	70 - 130		
m,p-Xylenes			0.200	0.2092		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.1053		mg/Kg		105	70 - 130		

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

Lab Sample ID: LCSD 880-119173/2-A
Matrix: Solid
Analysis Batch: 119182

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119173

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1070		mg/Kg		107	70 - 130	3	35
Toluene			0.100	0.1047		mg/Kg		105	70 - 130	1	35
Ethylbenzene			0.100	0.1055		mg/Kg		105	70 - 130	2	35
m,p-Xylenes			0.200	0.2039		mg/Kg		102	70 - 130	3	35
o-Xylene			0.100	0.1029		mg/Kg		103	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-8813-1 MS
Matrix: Solid
Analysis Batch: 119182

Client Sample ID: H - 1 (0.5')
Prep Type: Total/NA
Prep Batch: 119173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09242		mg/Kg		91	70 - 130		
Toluene	<0.00201	U	0.100	0.09175		mg/Kg		92	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

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

Lab Sample ID: 890-8813-1 MS
Matrix: Solid
Analysis Batch: 119182

Client Sample ID: H - 1 (0.5')
Prep Type: Total/NA
Prep Batch: 119173

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.08941		mg/Kg		89	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1730		mg/Kg		86	70 - 130
o-Xylene	<0.00201	U	0.100	0.08789		mg/Kg		88	70 - 130

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

Lab Sample ID: 890-8813-1 MSD
Matrix: Solid
Analysis Batch: 119182

Client Sample ID: H - 1 (0.5')
Prep Type: Total/NA
Prep Batch: 119173

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09663		mg/Kg		95	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.09333		mg/Kg		93	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.100	0.09229		mg/Kg		92	70 - 130	3	35
m,p-Xylenes	<0.00402	U	0.200	0.1759		mg/Kg		88	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.08810		mg/Kg		88	70 - 130	0	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-119084/1-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119084

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		09/17/25 07:40	09/18/25 08:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*09/17/25 07:40*	*09/18/25 08:52*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*09/17/25 07:40*	*09/18/25 08:52*	*1*

Lab Sample ID: LCS 880-119084/2-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1008		mg/Kg		101	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

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

Lab Sample ID: LCS 880-119084/2-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119084

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	144	S1+	70 - 130

Lab Sample ID: LCSD 880-119084/3-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119084

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1040		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	889.8		mg/Kg		89	70 - 130	12	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	144	S1+	70 - 130
o-Terphenyl (Surr)	135	S1+	70 - 130

Lab Sample ID: 890-8811-A-29-C MS
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 119084

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	999	880.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	999	764.4		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 890-8811-A-29-D MSD
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 119084

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	999	893.0		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	772.6		mg/Kg		77	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	103		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

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

Lab Sample ID: MB 880-119172/1-A
Matrix: Solid
Analysis Batch: 119452

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119172

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		09/18/25 07:42	09/22/25 09:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*09/18/25 07:42*	*09/22/25 09:26*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*09/18/25 07:42*	*09/22/25 09:26*	*1*

Lab Sample ID: LCS 880-119172/2-A
Matrix: Solid
Analysis Batch: 119452

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119172

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1182		mg/Kg		118	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1159		mg/Kg		116	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*116*		*70 - 130*

Lab Sample ID: LCSD 880-119172/3-A
Matrix: Solid
Analysis Batch: 119452

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119172

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1153		mg/Kg		115	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1150		mg/Kg		115	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*102*		*70 - 130*
o-Terphenyl (Surr)	*114*		*70 - 130*

Lab Sample ID: 890-8813-4 MS
Matrix: Solid
Analysis Batch: 119452

Client Sample ID: H - 4 (0.5')
Prep Type: Total/NA
Prep Batch: 119172

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	823.0		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	854.1		mg/Kg		85	70 - 130		

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

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

Lab Sample ID: 890-8813-4 MS
Matrix: Solid
Analysis Batch: 119452

Client Sample ID: H - 4 (0.5')
Prep Type: Total/NA
Prep Batch: 119172

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	78		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 890-8813-4 MSD
Matrix: Solid
Analysis Batch: 119452

Client Sample ID: H - 4 (0.5')
Prep Type: Total/NA
Prep Batch: 119172

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	<49.9	U	1000	871.4		mg/Kg		87	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	829.6		mg/Kg		83	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	83		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-119220/1-A
Matrix: Solid
Analysis Batch: 119260

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			09/19/25 09:20	1

Lab Sample ID: LCS 880-119220/2-A
Matrix: Solid
Analysis Batch: 119260

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.6		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-119220/3-A
Matrix: Solid
Analysis Batch: 119260

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	258.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-8813-5 MS
Matrix: Solid
Analysis Batch: 119260

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	202	F1	248	391.7	F1	mg/Kg		77	90 - 110		

QC Sample Results

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8813-5 MSD
Matrix: Solid
Analysis Batch: 119260

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	202	F1	248	387.4	F1	mg/Kg		75	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

GC VOA

Prep Batch: 119173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Total/NA	Solid	5035	
890-8813-2	H - 2 (0.5')	Total/NA	Solid	5035	
890-8813-3	H - 3 (0.5')	Total/NA	Solid	5035	
890-8813-4	H - 4 (0.5')	Total/NA	Solid	5035	
890-8813-5	H - 5 (0.5')	Total/NA	Solid	5035	
MB 880-119173/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-119173/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-119173/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8813-1 MS	H - 1 (0.5')	Total/NA	Solid	5035	
890-8813-1 MSD	H - 1 (0.5')	Total/NA	Solid	5035	

Analysis Batch: 119182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Total/NA	Solid	8021B	119173
890-8813-2	H - 2 (0.5')	Total/NA	Solid	8021B	119173
890-8813-3	H - 3 (0.5')	Total/NA	Solid	8021B	119173
890-8813-4	H - 4 (0.5')	Total/NA	Solid	8021B	119173
890-8813-5	H - 5 (0.5')	Total/NA	Solid	8021B	119173
MB 880-119173/5-A	Method Blank	Total/NA	Solid	8021B	119173
LCS 880-119173/1-A	Lab Control Sample	Total/NA	Solid	8021B	119173
LCSD 880-119173/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	119173
890-8813-1 MS	H - 1 (0.5')	Total/NA	Solid	8021B	119173
890-8813-1 MSD	H - 1 (0.5')	Total/NA	Solid	8021B	119173

Analysis Batch: 119249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Total/NA	Solid	Total BTEX	
890-8813-2	H - 2 (0.5')	Total/NA	Solid	Total BTEX	
890-8813-3	H - 3 (0.5')	Total/NA	Solid	Total BTEX	
890-8813-4	H - 4 (0.5')	Total/NA	Solid	Total BTEX	
890-8813-5	H - 5 (0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 119084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Total/NA	Solid	8015NM Prep	
890-8813-2	H - 2 (0.5')	Total/NA	Solid	8015NM Prep	
890-8813-3	H - 3 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-119084/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-119084/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-119084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8811-A-29-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8811-A-29-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 119172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-4	H - 4 (0.5')	Total/NA	Solid	8015NM Prep	
890-8813-5	H - 5 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-119172/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-119172/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

GC Semi VOA (Continued)

Prep Batch: 119172 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-119172/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8813-4 MS	H - 4 (0.5')	Total/NA	Solid	8015NM Prep	
890-8813-4 MSD	H - 4 (0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 119194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Total/NA	Solid	8015B NM	119084
890-8813-2	H - 2 (0.5')	Total/NA	Solid	8015B NM	119084
890-8813-3	H - 3 (0.5')	Total/NA	Solid	8015B NM	119084
MB 880-119084/1-A	Method Blank	Total/NA	Solid	8015B NM	119084
LCS 880-119084/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	119084
LCSD 880-119084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	119084
890-8811-A-29-C MS	Matrix Spike	Total/NA	Solid	8015B NM	119084
890-8811-A-29-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	119084

Analysis Batch: 119290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Total/NA	Solid	8015 NM	
890-8813-2	H - 2 (0.5')	Total/NA	Solid	8015 NM	
890-8813-3	H - 3 (0.5')	Total/NA	Solid	8015 NM	
890-8813-4	H - 4 (0.5')	Total/NA	Solid	8015 NM	
890-8813-5	H - 5 (0.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 119452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-4	H - 4 (0.5')	Total/NA	Solid	8015B NM	119172
890-8813-5	H - 5 (0.5')	Total/NA	Solid	8015B NM	119172
MB 880-119172/1-A	Method Blank	Total/NA	Solid	8015B NM	119172
LCS 880-119172/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	119172
LCSD 880-119172/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	119172
890-8813-4 MS	H - 4 (0.5')	Total/NA	Solid	8015B NM	119172
890-8813-4 MSD	H - 4 (0.5')	Total/NA	Solid	8015B NM	119172

HPLC/IC

Leach Batch: 119220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Soluble	Solid	DI Leach	
890-8813-2	H - 2 (0.5')	Soluble	Solid	DI Leach	
890-8813-3	H - 3 (0.5')	Soluble	Solid	DI Leach	
890-8813-4	H - 4 (0.5')	Soluble	Solid	DI Leach	
890-8813-5	H - 5 (0.5')	Soluble	Solid	DI Leach	
MB 880-119220/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-119220/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-119220/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8813-5 MS	H - 5 (0.5')	Soluble	Solid	DI Leach	
890-8813-5 MSD	H - 5 (0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 119260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-1	H - 1 (0.5')	Soluble	Solid	300.0	119220

QC Association Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

HPLC/IC (Continued)

Analysis Batch: 119260 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8813-2	H - 2 (0.5')	Soluble	Solid	300.0	119220
890-8813-3	H - 3 (0.5')	Soluble	Solid	300.0	119220
890-8813-4	H - 4 (0.5')	Soluble	Solid	300.0	119220
890-8813-5	H - 5 (0.5')	Soluble	Solid	300.0	119220
MB 880-119220/1-A	Method Blank	Soluble	Solid	300.0	119220
LCS 880-119220/2-A	Lab Control Sample	Soluble	Solid	300.0	119220
LCSD 880-119220/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	119220
890-8813-5 MS	H - 5 (0.5')	Soluble	Solid	300.0	119220
890-8813-5 MSD	H - 5 (0.5')	Soluble	Solid	300.0	119220

Lab Chronicle

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Client Sample ID: H - 1 (0.5')

Lab Sample ID: 890-8813-1
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	119173	09/18/25 07:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119182	09/18/25 12:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119249	09/18/25 12:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			119290	09/18/25 16:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 16:03	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	119220	09/18/25 11:43	SI	EET MID
Soluble	Analysis	300.0		1			119260	09/19/25 10:36	CS	EET MID

Client Sample ID: H - 2 (0.5')

Lab Sample ID: 890-8813-2
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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	119173	09/18/25 07:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119182	09/18/25 12:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119249	09/18/25 12:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			119290	09/18/25 16:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 16:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	119220	09/18/25 11:43	SI	EET MID
Soluble	Analysis	300.0		1			119260	09/19/25 10:42	CS	EET MID

Client Sample ID: H - 3 (0.5')

Lab Sample ID: 890-8813-3
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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	119173	09/18/25 07:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119182	09/18/25 12:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119249	09/18/25 12:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			119290	09/18/25 16:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 16:33	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	119220	09/18/25 11:43	SI	EET MID
Soluble	Analysis	300.0		1			119260	09/19/25 10:48	CS	EET MID

Client Sample ID: H - 4 (0.5')

Lab Sample ID: 890-8813-4
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	119173	09/18/25 07:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119182	09/18/25 13:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119249	09/18/25 13:07	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Client Sample ID: H - 4 (0.5')

Lab Sample ID: 890-8813-4
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

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			119290	09/22/25 11:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	119172	09/18/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119452	09/22/25 11:26	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	119220	09/18/25 11:43	SI	EET MID
Soluble	Analysis	300.0		1			119260	09/19/25 10:54	CS	EET MID

Client Sample ID: H - 5 (0.5')

Lab Sample ID: 890-8813-5
Matrix: Solid
Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	119173	09/18/25 07:54	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119182	09/18/25 13:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119249	09/18/25 13:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			119290	09/22/25 12:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	119172	09/18/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119452	09/22/25 12:11	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	119220	09/18/25 11:43	SI	EET MID
Soluble	Analysis	300.0		1			119260	09/19/25 11:00	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

Method Summary

Client: Carmona Resources
Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

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: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1
SDG: 2860

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8813-1	H - 1 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico
890-8813-2	H - 2 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico
890-8813-3	H - 3 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico
890-8813-4	H - 4 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico
890-8813-5	H - 5 (0.5')	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico

Chain of Custody

Work Order No: _____

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:	Gramma Ridge Battery	Turn Around	
Project Number:	2860	☐ Routine	☑ Rush
Project Location	Lea Co, NM	Due Date:	72 HR
Sampler's Name:	KR	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:	TNano7
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.2
Total Containers:		Corrected Temperature:	-5.0

ANALYSIS REQUEST

Parameters: BTEX 8021B; TPH 8015M (GRO + DRO + MRO); Chloride 300.0; HOLD

890-8813 Chain of Custody

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 300.0	HOLD	Sample Comments
H-1 (0.5')	9/17/2025		X		Grab/	1		X	X	X		
H-2 (0.5')	9/17/2025		X		Grab/	1		X	X	X		
H-3 (0.5')	9/17/2025		X		Grab/	1		X	X	X		
H-4 (0.5')	9/17/2025		X		Grab/	1		X	X	X		
H-5 (0.5')	9/17/2025		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		9/17 15:09	4		
3			6		
5					

Revised Date 05012020 Rev. 2020.1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-5887.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8813-1
Address: 1211 W. Florida Ave, ,	Due Date Requested: 9/22/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GRAMMA RIDGE BATTERY	Project #: 89000237			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
H - 1 (0.5') (890-8813-1)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	
H - 2 (0.5') (890-8813-2)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	
H - 3 (0.5') (890-8813-3)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	
H - 4 (0.5') (890-8813-4)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	
H - 5 (0.5') (890-8813-5)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Leticia Juarez	9/17/25 16:30				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/18/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4 | 3.3

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8813-1
SDG Number: 2860

Login Number: 8813
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8813-1
SDG Number: 2860

Login Number: 8813
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 09/18/25 07:31 AM

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

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/19/2025 1:08:13 PM

JOB DESCRIPTION

Gramma Ridge Battery
2860

JOB NUMBER

890-8812-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

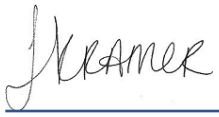
Eurofins Carlsbad

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
9/19/2025 1:08:13 PM

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

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Laboratory Job ID: 890-8812-1
SDG: 2860

Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 890-8812-1
Project/Site: Gramma Ridge Battery SDG: 2860

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
Project: Gramma Ridge Battery

Job ID: 890-8812-1

Job ID: 890-8812-1 Eurofins Carlsbad

Job Narrative
890-8812-1

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

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

Receipt
The sample was received on 9/17/2025 1:09 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 -5.6°C.

Receipt Exceptions
The following were received and analyzed from an unpreserved bulk soil jar: BACKFILL SAMPLE (890-8812-1).

The following sample was received and analyzed from an unpreserved bulk soil jar: BACKFILL SAMPLE (890-8812-1).

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 880-119084/2-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-119084/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-119220 and analytical batch 880-119260 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: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

Client Sample ID: BACKFILL SAMPLE

Date Collected: 09/17/25 00:00
Date Received: 09/17/25 13:09

Lab Sample ID: 890-8812-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/25 16:30	09/18/25 09:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/25 16:30	09/18/25 09:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/25 16:30	09/18/25 09:20	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/17/25 16:30	09/18/25 09:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/17/25 16:30	09/18/25 09:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/25 16:30	09/18/25 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*09/17/25 16:30*	*09/18/25 09:20*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*09/17/25 16:30*	*09/18/25 09:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/18/25 09:20	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			09/18/25 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 15:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 15:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*09/17/25 07:40*	*09/18/25 15:47*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*09/17/25 07:40*	*09/18/25 15:47*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.5**		10.1		mg/Kg			09/19/25 10:30	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

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)										
880-62727-A-1-B MS	Matrix Spike	102	99										
880-62727-A-1-C MSD	Matrix Spike Duplicate	105	104										
890-8812-1	BACKFILL SAMPLE	103	93										
LCS 880-119122/1-A	Lab Control Sample	97	99										
LCSD 880-119122/2-A	Lab Control Sample Dup	90	101										
MB 880-119105/5-A	Method Blank	97	90										
MB 880-119122/5-A	Method Blank	99	87										

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)										
890-8811-A-29-C MS	Matrix Spike	92	103										
890-8811-A-29-D MSD	Matrix Spike Duplicate	92	103										
890-8812-1	BACKFILL SAMPLE	102	103										
LCS 880-119084/2-A	Lab Control Sample	128	144 S1+										
LCSD 880-119084/3-A	Lab Control Sample Dup	144 S1+	135 S1+										
MB 880-119084/1-A	Method Blank	71	77										

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-119105/5-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119105

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 08:53	09/17/25 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/25 08:53	09/17/25 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/17/25 08:53*	*09/17/25 11:33*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*09/17/25 08:53*	*09/17/25 11:33*	*1*

Lab Sample ID: MB 880-119122/5-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119122

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:35	09/17/25 22:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/25 09:35	09/17/25 22:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/17/25 09:35*	*09/17/25 22:31*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/17/25 09:35*	*09/17/25 22:31*	*1*

Lab Sample ID: LCS 880-119122/1-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119122

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08801		mg/Kg		88	70 - 130		
Toluene			0.100	0.08671		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.09192		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1994		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.09439		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-119122/2-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119122

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09083		mg/Kg		91	70 - 130	3	35

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

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

Lab Sample ID: LCSD 880-119122/2-A
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119122

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08806		mg/Kg		88	70 - 130	2	35
Ethylbenzene			0.100	0.09411		mg/Kg		94	70 - 130	2	35
m,p-Xylenes			0.200	0.2031		mg/Kg		102	70 - 130	2	35
o-Xylene			0.100	0.09628		mg/Kg		96	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-62727-A-1-B MS
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 119122

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.07735		mg/Kg		77	70 - 130
Toluene	<0.00201	U	0.100	0.07406		mg/Kg		74	70 - 130
Ethylbenzene	0.00283		0.100	0.07550		mg/Kg		73	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1549		mg/Kg		77	70 - 130
o-Xylene	0.00253		0.100	0.07864		mg/Kg		76	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-62727-A-1-C MSD
Matrix: Solid
Analysis Batch: 119096

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 119122

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.07898		mg/Kg		79	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.07406		mg/Kg		74	70 - 130	0	35
Ethylbenzene	0.00283		0.100	0.08027		mg/Kg		77	70 - 130	6	35
m,p-Xylenes	<0.00402	U	0.200	0.1588		mg/Kg		79	70 - 130	3	35
o-Xylene	0.00253		0.100	0.08178		mg/Kg		79	70 - 130	4	35

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

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

Lab Sample ID: MB 880-119084/1-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119084

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		09/17/25 07:40	09/18/25 08:52	1

Eurofins Carlsbad

QC Sample Results

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

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

Lab Sample ID: MB 880-119084/1-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119084

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*09/17/25 07:40*	*09/18/25 08:52*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*09/17/25 07:40*	*09/18/25 08:52*	*1*

Lab Sample ID: LCS 880-119084/2-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119084

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1030		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1008		mg/Kg		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*128*		*70 - 130*
o-Terphenyl (Surr)	*144*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-119084/3-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119084

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1040		mg/Kg		104	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	889.8		mg/Kg		89	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*144*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*135*	*S1+*	*70 - 130*

Lab Sample ID: 890-8811-A-29-C MS
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 119084

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	999	880.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<49.7	U	999	764.4		mg/Kg		77	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

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

Lab Sample ID: 890-8811-A-29-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119194 — **Prep Batch: 119084**

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	999	893.0		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.7	U	999	772.6		mg/Kg		77	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-119220/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119260

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			09/19/25 09:20	1

Lab Sample ID: LCS 880-119220/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119260

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	258.6		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-119220/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119260

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	258.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-8813-A-5-D MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119260

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	202	F1	248	391.7	F1	mg/Kg		77	90 - 110

Lab Sample ID: 890-8813-A-5-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 119260

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	202	F1	248	387.4	F1	mg/Kg		75	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

GC VOA

Analysis Batch: 119096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Total/NA	Solid	8021B	119122
MB 880-119105/5-A	Method Blank	Total/NA	Solid	8021B	119105
MB 880-119122/5-A	Method Blank	Total/NA	Solid	8021B	119122
LCS 880-119122/1-A	Lab Control Sample	Total/NA	Solid	8021B	119122
LCSD 880-119122/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	119122
880-62727-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	119122
880-62727-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	119122

Prep Batch: 119105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-119105/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 119122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Total/NA	Solid	5035	
MB 880-119122/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-119122/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-119122/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-62727-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-62727-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 119214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 119084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Total/NA	Solid	8015NM Prep	
MB 880-119084/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-119084/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-119084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8811-A-29-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8811-A-29-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 119194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Total/NA	Solid	8015B NM	119084
MB 880-119084/1-A	Method Blank	Total/NA	Solid	8015B NM	119084
LCS 880-119084/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	119084
LCSD 880-119084/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	119084
890-8811-A-29-C MS	Matrix Spike	Total/NA	Solid	8015B NM	119084
890-8811-A-29-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	119084

Analysis Batch: 119289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

HPLC/IC

Leach Batch: 119220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Soluble	Solid	DI Leach	
MB 880-119220/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-119220/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-119220/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8813-A-5-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8813-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 119260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8812-1	BACKFILL SAMPLE	Soluble	Solid	300.0	119220
MB 880-119220/1-A	Method Blank	Soluble	Solid	300.0	119220
LCS 880-119220/2-A	Lab Control Sample	Soluble	Solid	300.0	119220
LCSD 880-119220/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	119220
890-8813-A-5-D MS	Matrix Spike	Soluble	Solid	300.0	119220
890-8813-A-5-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	119220

Lab Chronicle

Client: Carmona Resources
Job ID: 890-8812-1
Project/Site: Gramma Ridge Battery
SDG: 2860

Client Sample ID: BACKFILL SAMPLE
Lab Sample ID: 890-8812-1

Date Collected: 09/17/25 00:00
Matrix: Solid

Date Received: 09/17/25 13:09

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	119122	09/17/25 16:30	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119096	09/18/25 09:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119214	09/18/25 09:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			119289	09/18/25 15:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	119084	09/17/25 07:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/18/25 15:47	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	119220	09/18/25 11:43	SI	EET MID
Soluble	Analysis	300.0		1			119260	09/19/25 10:30	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 890-8812-1
Project/Site: Gramma Ridge Battery
SDG: 2860

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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

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

Method Summary

Client: Carmona Resources
Project/Site: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

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: Gramma Ridge Battery

Job ID: 890-8812-1
SDG: 2860

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8812-1	BACKFILL SAMPLE	Solid	09/17/25 00:00	09/17/25 13:09	New Mexico

Chain of Custody

Work Order No: _____

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:	Gramma Ridge Battery	Turn Around	
Project Number:	2860	☐ Routine ☑ Rush	
Project Location	Lea Co, NM	Due Date:	72 HR
Sampler's Name:	KR	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:	Thermo2
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.2
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.8
Total Containers:		Corrected Temperature:	-5.6

ANALYSIS REQUEST

890-8812 Chain of Custody

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
Backfill Sample	9/17/2025		X		C	1		X	X	X		

Parameters

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	

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		9/17 15:09	4		
3			6		
5					

Revised Date 05012020 Rev. 2020.1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Phone: 575-988-3199 Fax: 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-5886.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 890-8812-1
Address: 1211 W. Florida Ave,	Due Date Requested: 9/22/2025			Preservation Codes: -
City: Midland	TAT Requested (days): N/A			
State, Zip: TX, 79701				
Phone: 432-704-5440(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gramma Ridge Battery	Project #: 89000237			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
BACKFILL SAMPLE (890-8812-1)	9/17/25	Mountain	G	Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Leticia Juarez	9/17/25 16:30				
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/18/25 800	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.4/3.3 -1 ERR

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8812-1
SDG Number: 2860

Login Number: 8812
List Number: 1
Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8812-1
SDG Number: 2860

Login Number: 8812
List Number: 2
Creator: Laing, Edmundo

List Source: Eurofins Midland
List Creation: 09/18/25 07:31 AM

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

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QUESTIONS

Action 509345

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2525149049**
Incident Name	**NAPP2525149049 GRAMMA RIDGE BATTERY @ FAPP2132747792**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**
Incident Facility	**[fAPP2132747792] Gramma Ridge Battery**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	GRAMMA RIDGE BATTERY
Date Release Discovered	09/08/2025
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	*Not answered.*
Produced Water Released (bbls) Details	Cause: Equipment Failure | Pump | Produced Water | Released: 12 BBL | Recovered: 11 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	*Not answered.*

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**No, according to supplied volumes this does not appear to be a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**No**
Reasons why this would be considered a submission for a notification of a major release	*Unavailable.*
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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/25/2025

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 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 ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
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)	7140
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	09/12/2025
On what date will (or did) the final sampling or liner inspection occur	09/17/2025
On what date will (or was) the remediation complete(d)	09/12/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	509
What is the estimated volume (in cubic yards) that will be remediated	6
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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	fEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
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: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/25/2025
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 (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**505814**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/17/2025**
What was the (estimated) number of samples that were to be gathered	**3**
What was the sampling surface area in square feet	**480**

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	509
What was the total volume (cubic yards) remediated	6
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	"Stained soil removed via surface scrape. Confirmation floor samples all within acceptable limits per NMAC 19.15.29.12 - groundwater >51'. Backfilled with clean caliche located on pad.

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

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

I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 09/25/2025

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QUESTIONS (continued)

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	Action Number: 509345
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 509345
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CONDITIONS

Created By	Condition	Condition Date
nvelez	Remediation has met 19.15.29 NMAC requirements. Soil impacts exceeding the reclamation standards have been left in place and are required to meet 19.15.29.13D (1) NMAC once the site is no longer reasonably needed for production ops.	12/4/2025