

## 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



## **TABLE OF CONTENTS**

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 REMEDIATION ACTIVITIES

5.0 LINER INSPECTION ACTIVITIES

**6.0 CONCLUSION** 

## **FIGURES**

FIGURE 1 OVERVIEW FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION FIGURE 4 CONTAINMENT

## **APPENDICES**

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE & LINER CERTIFICATION

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS

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



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.



## 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,

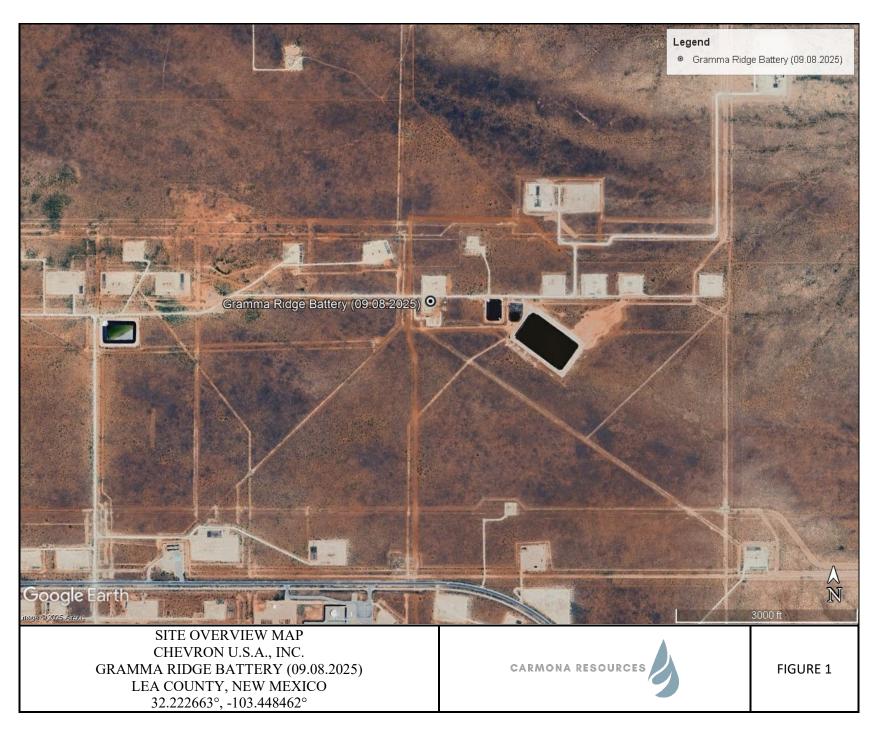
Carmona Resources, LLC

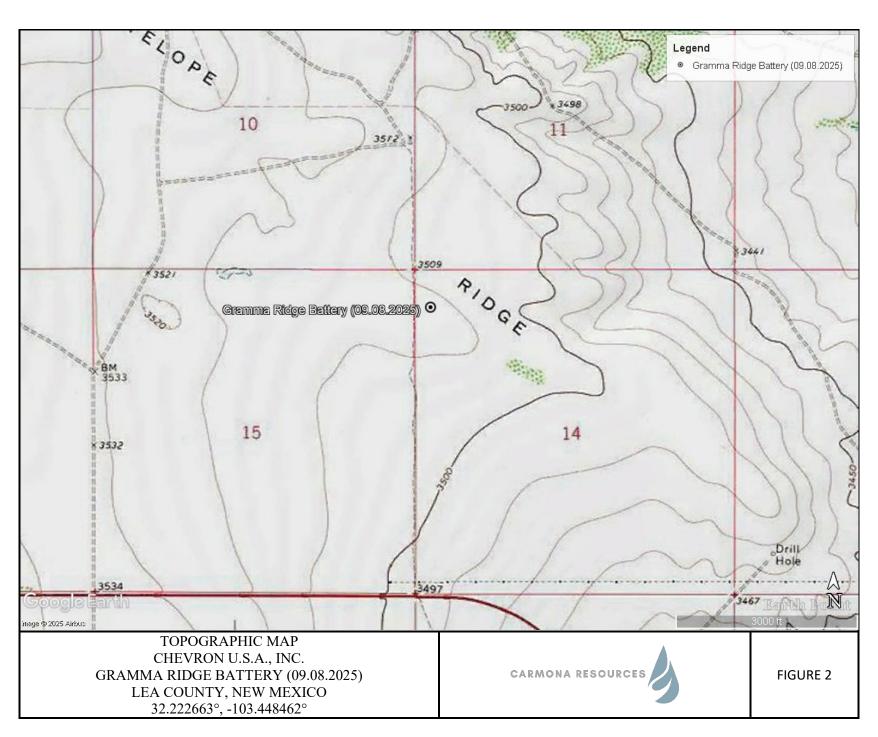
Ashton Thielke

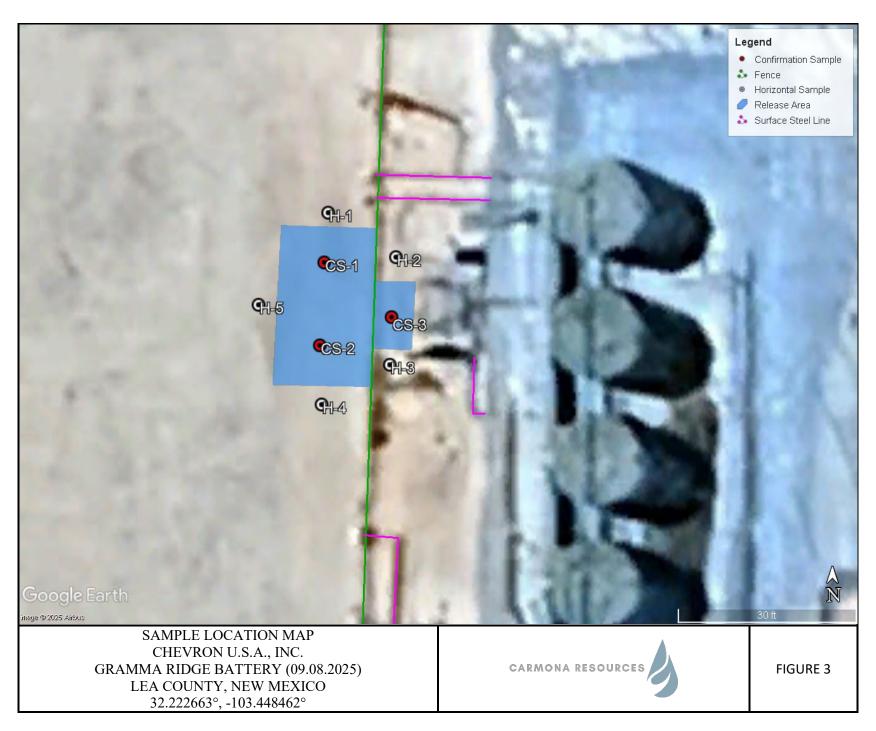
**Environmental Manager** 

## **FIGURES**

# CARMONA RESOURCES









## **APPENDIX A**

# CARMONA RESOURCES

Table 1
Chevron U.S.A., Inc.
Gramma Ridge Battery (09.08.2025)
Lea County, New Mexico

Comple ID	Doto	Donth (ft)		TPH	l (mg/kg)		Benzene	Toluene	Ethlybenzene	Xylene	Total	Chloride
Sample ID	Date	Depth (ft)	GRO	DRO	MRO	Total	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	BTEX (mg/kg)	(mg/kg)
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
Regulato	ry Criteria <sup>A</sup>					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.



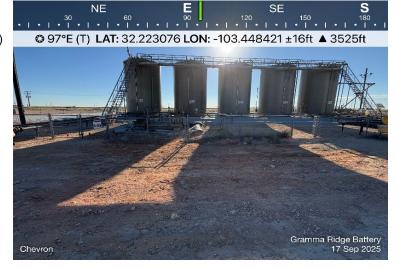
## Photograph No. 3

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

## **Description:**

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





## PHOTOGRAPHIC LOG

Chevron U.S.A., Inc.

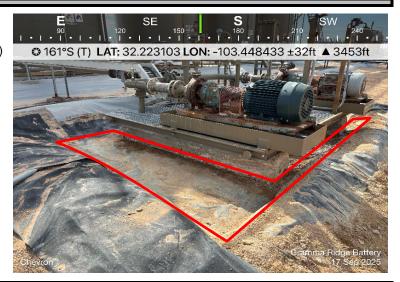
Photograph No. 4

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

**Description:** 

View South of the exposed liner.



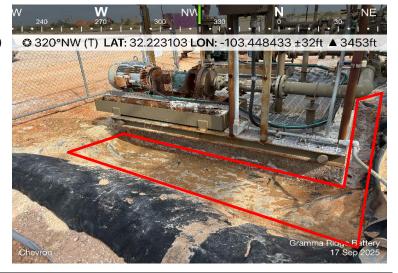
## Photograph No. 5

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

**Description:** 

View Northwest of the exposed liner.



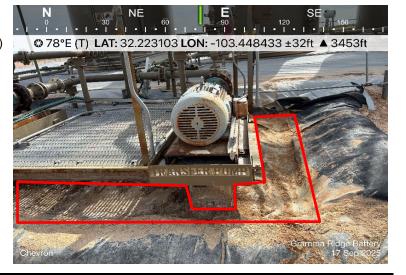
## Photograph No. 6

Facility: Gramma Ridge Battery (09.08.25)

County: Lea County, New Mexico

**Description:** 

View East of the exposed liner.





## **APPENDIX C**

# CARMONA RESOURCES

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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

[NOTIFY] Notification Of Release (NOR)

Action 503796

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	503796
	Action Type:

**QUESTIONS** (continued)

# Nature and Volume of Release (continued) Is this a gas only submission (i.e. only significant Mcf values reported) Was this a major release as defined by Subsection A of 19.15.29.7 NMAC Reasons why this would be considered a submission for a notification of a major release \*\*The continued\*\* \*\*No\*\* \*\*No\*\* \*\*Unavailable\*\* \*\*Unavailable\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*No\*\* \*\*Unavailable\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*No\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*No\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*No\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*The continued\*\* \*\*No\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*Unavailable\*\* \*\*The continued\*\* \*\*T

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.

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

ACKNOWLEDGMENTS

Action 503796

## **ACKNOWLEDGMENTS**

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

## ACKNOWLEDGMENTS

$\overline{\lor}$	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
V	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.
V	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.
14/8	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.
V	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.
V	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.

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 503796

### **CONDITIONS**

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

### CONDITIONS

Created By		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

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 505812

## **QUESTIONS**

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 505812

### **CONDITIONS**

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

### CONDITIONS

Created By	$^{\prime}$	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

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 505814

## **QUESTIONS**

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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 505814

### **CONDITIONS**

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

Receive Area	ed by OCD: Snap e	9/25/2025 12:04:02 PM Secondary Containment	Standing Liquid Dimension	Standing Liquid Volume	Water Cut	Oil Volum e	Penetratio n Depth	Water to	Water Volume
1	Recta ngle	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	Recta ngle	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

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 506900

### **QUESTIONS**

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

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, Page 2

Action 506900

**QUESTIONS** (continued)

Operator: CHEVRON U S A INC		OGRID: 4323
6301 Deauville Blvd		Action Number:
Midland, TX 79706		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 vo	olumes 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.	e. gas only) are to be submitted on th	e C-129 form.
L w . P		
Initial Response		
The responsible party must undertake the following actions immediately unless they could create a s		ry.
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 remedi actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure e	ted or if the release occurred within a	lined containment area (see Subparagraph (a) of Paragraph (5) of
I hereby certify that the information given above is true and complete to the best of my to report and/or file certain release notifications and perform corrective actions for releath OCD does not relieve the operator of liability should their operations have failed to a water, human health or the environment. In addition, OCD acceptance of a C-141 report local laws and/or regulations.	ases which may endanger public adequately investigate and reme	c health or the environment. The acceptance of a C-141 report by ediate contamination that pose a threat to groundwater, surface
I hereby agree and sign off to the above statement	Name: Benjamin Bauman Title: Air Specialist Email: benjaminbauman@ch	nevron.com

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 506900

**QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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 What is the shallowest depth to groundwater beneath the area affected by the Not answered. release in feet below ground surface (ft bgs) 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 Not answered. for domestic or stock watering purposes Any other fresh water well or spring Not answered. Incorporated municipal boundaries or a defined municipal fresh water well field Not answered. 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 A 100-year floodplain Not answered. Did the release impact areas not on an exploration, development, production, or Not answered. storage site

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.								

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 506900

### **CONDITIONS**

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

### CONDITIONS

Created By		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







## 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

(quarters are

smallest to largest)				(meters)		(In feet	.)
					Well	Depth	V

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Мар	Distance	Well Depth	Depth Water	
C 03932 POD13		CUB	LE	SE	NE	SW	15	24S	34E	645314.2	3565203.5	•	1358	90		
<u>C 02387</u>		CUB	LE			NW	11	24S	34E	646513.0	3567613.0 *	•	1423	62	40	22
<u>C 03943 POD1</u>		CUB	LE	NE	SE	NE	21	24S	34E	644522.6	3564266.6	•	2584	610	431	179
<u>C 04737 POD1</u>		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		
<u>C 04918 POD1</u>		CUB	LE	SE	NE	NW	25	24S	34E	648275.6	3563167.3	•	3683	75		
<u>C 02386</u>		CUB	LE	SE	NW	NE	04	24S	34E	643962.0	3569290.0 *	•	3807	575	475	100
<u>C 02397</u>		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

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

Drilling Equipment: Air Rotary

Driller:

Scarborough Drilling

Logger:

## Gramma Ridge Battery (09.08.2025)



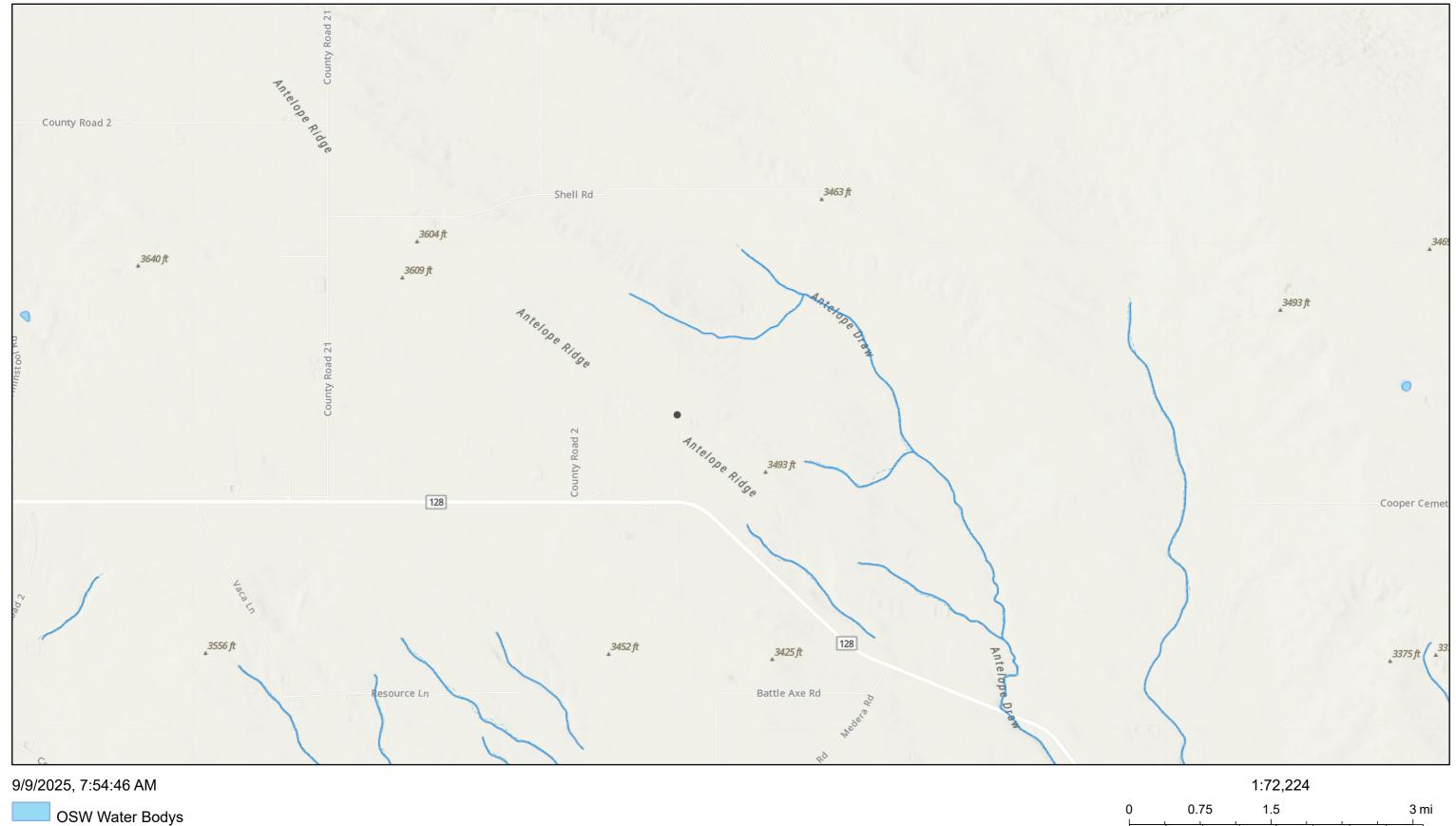
9/9/2025

World\_Hillshade



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)



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

**OSE Streams** 

# **APPENDIX E**

# CARMONA RESOURCES

**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

## **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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 Client: Carmona Resources Project/Site: GRAMMA RIDGE BATTERY Laboratory Job ID: 890-8814-1 SDG: 2860

# Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	9
QC Sample Results	10
QC Association Summary	14
Lab Chronicle	16
Certification Summary	17
Method Summary	18
Sample Summary	19
Chain of Custody	20
Receint Checklists	22

2

3

4

6

8

10

12

13

14

#### 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

**Eurofins Carlsbad** 

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#### **Case Narrative**

Client: Carmona Resources Job ID: 890-8814-1 Project: GRAMMA RIDGE BATTERY

**Eurofins Carlsbad** Job ID: 890-8814-1

#### 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 sitespecific 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.

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: Carmona Resources

Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8814-1

SDG: 2860

Lab Sample ID: 890-8814-1

**Matrix: Solid** 

Client Sample ID: CS -1 (0.5')

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

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
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX		culation	70 - 130				09/17/25 16:30	09/18/25 08:18	
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa

Total BTEX < 0.00396 0.00396 mg/Kg 09/18/25 08:18 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 09/18/25 11:45 mg/Kg

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Gasoline Range Organics <50.1 U 50.1 09/17/25 07:40 09/18/25 11:45 mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <50.1 U 50.1 mg/Kg 09/17/25 07:40 09/18/25 11:45 C10-C28) Oil Range Organics (Over C28-C36) <50.1 U 50.1 mg/Kg 09/17/25 07:40 09/18/25 11:45 Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1-Chlorooctane (Surr) 88 70 - 130 09/17/25 07:40 09/18/25 11:45

o-Terphenyl (Surr) 91 70 - 130 09/17/25 07:40 09/18/25 11:45 Method: EPA 300.0 - Anions, Ion Chromatography - Soluble Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac

Chloride 192 9.94 09/18/25 11:07 mg/Kg Client Sample ID: CS -2 (0.5') Lab Sample ID: 890-8814-2

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

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

**Eurofins Carlsbad** 

**Matrix: Solid** 

## **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')

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

Lab Sample ID: 890-8814-2

09/18/25 11:24

Matrix: Solid

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 Organ	ics (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 - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 12:00	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 12:00	1
C10-C28)									
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	Chromatogran	hy - Solubl	•						
Analyte	• .	Qualifier	RL		Unit	D	Prepared		Dil Fac

Client Sample ID: CS -3 (0.5') Lab Sample ID: 890-8814-3

99.2

7140

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

Chloride

**Matrix: Solid** 

mg/Kg

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
								00//0/05 00 50	
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 <sub>-</sub> 130 RL	MDL	Unit	D	09/17/25 16:30  Prepared	09/18/25 08:59  Analyzed	,
		culation	70 - 130				09/17/25 16:30	09/18/25 08:59	1
Method: TAL SOP Total BTEX	- Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	- Total BTEX Calc Result <0.00399	<b>Qualifier</b> U	RL 0.00399	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	- Total BTEX Calc Result <0.00399 esel Range Organ	<b>Qualifier</b> U	RL 0.00399	MDL	mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die	- Total BTEX Calc Result <0.00399 esel Range Organ	Qualifier U ics (DRO) ( Qualifier	RL 0.00399		mg/Kg		Prepared	Analyzed 09/18/25 08:59	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8	Qualifier U ics (DRO) ( Qualifier U	RL 0.00399  GC)  RL 49.8		mg/Kg		Prepared	Analyzed 09/18/25 08:59 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8	Qualifier U ics (DRO) ( Qualifier U	RL 0.00399  GC)  RL 49.8		mg/Kg  Unit mg/Kg		Prepared	Analyzed 09/18/25 08:59 Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Die Analyte Total TPH  Method: SW846 8015B NM - D	- Total BTEX Calc Result <0.00399 esel Range Organ Result <49.8	Qualifier U ics (DRO) ( Qualifier U nics (DRO) Qualifier	RL 0.00399  GC) RL 49.8	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 09/18/25 08:59  Analyzed 09/18/25 12:15	Dil Fac

## **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')

Lab Sample ID: 890-8814-3

Matrix: Solid

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

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

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## **Surrogate Summary**

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

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Rec
		BFB1	DFBZ1	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
80-62727-A-1-B MS	Matrix Spike	102	99	
80-62727-A-1-C MSD	Matrix Spike Duplicate	105	104	
90-8814-1	CS -1 (0.5')	92	99	
90-8814-2	CS -2 (0.5')	97	92	
90-8814-3	CS -3 (0.5')	99	91	
CS 880-119122/1-A	Lab Control Sample	97	99	
CSD 880-119122/2-A	Lab Control Sample Dup	90	101	
1B 880-119105/5-A	Method Blank	97	90	
IB 880-119122/5-A	Method Blank	99	87	
Surrogate Legend				

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)

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** 

	MB	MB							
Analyte	Result	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

70 - 130

MB	MB				
%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
97		70 - 130	09/17/25 08:53	09/17/25 11:33	1

Lab Sample ID: MB 880-119122/5-A

**Matrix: Solid** 

Surrogate

Analysis Batch: 119096

4-Bromofluorobenzene (Surr)

1,4-Difluorobenzene (Surr)

Client Sample ID: Method Blank

09/17/25 11:33

09/17/25 08:53

Prepared

Prep Type: Total/NA

**Prep Batch: 119122** 

MR MR

l .									
Analyte	Result	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

	MB	MB		
Surrogate	%Recovery	Qualifier	Limits	
4-Bromofluorobenzene (Surr)	99		70 - 130	0.
1.4-Difluorobenzene (Surr)	87		70 - 130	0:

90

09/17/25 09:35 09/17/25 22:31 09/17/25 09:35 09/17/25 22:31

Analyzed

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** 

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

	LCS LCS	
Surrogate	%Recovery 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** 

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

## QC Sample Results

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

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** 

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

LCSD LCSD

Surrogate	%Recovery	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** 

Analysis Batch: 119096

Prep Type: Total/NA

**Prep Batch: 119122** 

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery 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** 

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	76Recovery	Qualifier	LIIIIII
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

мв мв Result Qualifier MDL Unit Prepared <50.0 U 50.0 mg/Kg 09/17/25 07:40 09/18/25 08:52 Gasoline Range Organics

(GRO)-C6-C10

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

	MB	MB							
Analyte	Result	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

MB MB

Surrogate	%Recovery 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

**Client Sample ID: Lab Control Sample** 

Lab Sample ID: LCS 880-119084/2-A Matrix: Solid Prep Type: Total/NA

Analysis Batch: 119194 Prep Batch: 119084

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

LCS LCS

Surrogate	%Recovery	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

Prep Type: Total/NA

Prep Batch: 119084

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

LCSD LCSD Surrogate %Recovery 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

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	<49.7	U	999	880.0		mg/Kg		88	70 - 130	
(GRO)-C6-C10										
Diesel Range Organics (Over	<49.7	U	999	764.4		mg/Kg		77	70 - 130	
C10 C28)										

C10-C28)

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

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** 

Analysis Batch: 119194

Prep Type: Total/NA

**Prep Batch: 119084** 

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.7	U	999	893.0		mg/Kg		89	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.7	U	999	772.6		mg/Kg		77	70 - 130	1	20
C40 C20\											

C10-C28)

MSD MSD

Surrogate	%Recovery	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

мв мв

Analyte	Result	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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 119184

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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 **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 119184

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

Lab Sample ID: 890-8810-A-12-F MSD Client Sample ID: Matrix Spike Duplicate

**Matrix: Solid** 

Analysis Batch: 119184											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	3910	F1	1240	5698	F1	mg/Kg		144	90 - 110		20

**Eurofins Carlsbad** 

**Prep Type: Soluble** 

## **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	<u> </u>
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 Camada ID	Olicant Communic ID	D T	Madala	M-411	Davis Datab
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

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## **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')

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

Lab Sample ID: 890-8814-1

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 09/17/25 00:00

Date Received: 09/17/25 13:09

Lab Sample ID: 890-8814-2

**Matrix: Solid** 

Batch Dil Initial Final Batch Batch Prepared Prep Type Туре Method Run Factor Amount Amount Number or Analyzed Analyst Lab Prep 5035 Total/NA 5.03 g 5 mL 119122 09/17/25 16:30 MNR EET MID 8021B Total/NA 5 mL 09/18/25 08:39 MNR **EET MID** Analysis 1 5 mL 119096 Total/NA Total BTEX 119213 09/18/25 08:39 SA Analysis 1 **EET MID** Total/NA Analysis 8015 NM 119232 09/18/25 12:00 SA **EET MID** Total/NA 8015NM Prep 10.07 g 119084 09/17/25 07:40 EL Prep 10 mL **EET MID** Total/NA Analysis 8015B NM 1 uL 1 uL 119194 09/18/25 12:00 TKC **EET MID** Soluble 5.04 g 09/18/25 08:06 Leach DI Leach 50 mL 119177 SA **EET MID** Soluble Analysis 300.0 10 119184 09/18/25 11:24 CS **EET MID** 

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	<b>)-8814-3</b>
--------------------	-----------------

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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

**Eurofins Carlsbad** 

**Matrix: Solid** 

## **Accreditation/Certification Summary**

Client: Carmona Resources Job ID: 890-8814-1 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	Progra	am	Identification Number	Expiration Date			
Texas	NELAI	Р	T104704400	06-30-26			
,	are included in this report, but	nt the laboratory is not certif	fied by the governing authority. This lis	t may include analytes			
Analysis Method	Prep Method	Matrix	Analyte				
8015 NM		Solid	Total TPH				
Total BTEX		Solid	Total BTEX				

#### **Method Summary**

Client: Carmona Resources

Method

8021B

Total BTEX 8015 NM

8015B NM

8015NM Prep

DI Leach

300.0

5035

Project/Site: GRAMMA RIDGE BATTERY

**Method Description** 

Total BTEX Calculation

Volatile Organic Compounds (GC)

Diesel Range Organics (DRO) (GC)

Diesel Range Organics (DRO) (GC)

**Deionized Water Leaching Procedure** 

Anions, Ion Chromatography

Closed System Purge and Trap

Job ID: 890-8814-1

Protocol

SW846

TAL SOP

SW846

SW846

SW846

SW846

ASTM

EPA

SDG: 2860

Laboratory	
EET MID	

**EET MID** 

EET MID

**EET MID** 

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

Microextraction

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

Eurofins Carlsbad

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## **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

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9/18/2025

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## Chain of Gustody

Work Order No:	

Project Manager:	Ashton	Thielke				Bill to: (if	different)		Carm	ona Re	esourc	es						-	w	ork C	rder (	Comments	1 of1	
Company Name:	Carmo	na Reso	urces			Compan								$\neg$	Progr	am: U	ST/PS					C Juperfund		
Address:	310 W	est Wall	Ste. 500			Address		•							$\exists$	Program: UST/PST PRP Brownfields RRC upperfund State of Project:								
City, State ZIP:	Midland	d, TX 79	701			City, Sta										Repor	ting:Le	vel II	Lev	vel III	₽sī	vust ∏rrr	P Level IV	
Phone:	432-81				Email:		A@Carm	onareso	urces	.com						Delive					ADaP	_		
Project Name:		Gramma	a Ridge Batte	ry	Turr	n Around							ANA	LYSIS	REC	UEST						Preservative Codes		
Project Number:			2860		Routine	✓Rush		Pres. Code					118818	BI (18118118	1001100	(1 <b>0</b> ) 3 1 (1) (1)	* 				1	None: NO	DI Water: H	
Project Location		Le	a Co, NM		Due Date:	24	24 HR															Cool: Cool	MeOH: Me	
Sampler's Name:			KR		TAT starts the	day receiv				GRO + DRO + MRO)											Ì	HCL: HC	HNO <sub>3</sub> : HN	
SAMPLE RECE	IPT	Tem	p Blank:	Yes/ No		Yes		Parameters	<u></u>	- ORO	0.		111111 890-	8814 C	hain (	of Cust	IIIII IIIII ody	E (E) (PE)			1	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP	NaOH: Na	
Received Intact:		(Vel	s No	Thermom		~ ~	eors 7	ra E	3021	1 +	9 300.0		,								۹ ,	NaHSO₄: NA	BIS	
Cooler Custody Sea	ls:	Yes		Correction			5.2	2	EX 8021B	뚪	oride	-	+	+		+ 1				-	균	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : Na		
Sample Custody Sea	als:	Yes	No N/A	Temperat	ure Reading:	~ 5	.8		8	₹.	흉		_	$\dagger$						1		Zn Acetate+I		
Total Containers:				Corrected	Temperature:	~5	-C			TPH 8015M										ŀ		NaOH+Asco	bic Acid: SAPC	
Sample Ide	ntificatio	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		표												Sampl	e Comments	
CS-1 (	(0.5')		9/17/2025		Х		С	1	х	Х	Х			1									1.00%	
CS-2 (	(0.5')		9/17/2025		Х		С	1	Х	Х	Х		1											
CS-3 (	(0.5')		9/17/2025		Х		С	1	Х	Х	Х													
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				Please	send results	to cmo	hring@	carmon	areso	urces	com	and mo	armona	@car	mona	resou	rces.c	om						
Relinquished b	y: (Signa	ature)		Receive	d by: (Signatu	ıre)	-		Date/T	ime		Relin	quished	by: (S	ignat	ure)		Recei	ived I	oy: (S	ignatu	re)	Date/Time	
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#### **Eurofins Carlsbad**

1089 N Canal St.

Carlsbad, NM 88220

## **Chain of Custody Record**



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Environment Testing

Ver: 10/10/2024

9/18/2025

Page 21 of 23

Phone: 575-988-3199 Fax: 575-988-3199																		
Client Information (Sub Contract Lab)							ca					Carrier Tracking No(s): N/A					COC No: 890-5888.1	
Client Contact: Shipping/Receiving							ca.Kramer@et.eurofinsus.com						of Origin				Page: Page 1 of 1	
Company: Eurofins Environment Testing South Centr							ons Re		(See	note):							Job#:	
Address:	Due Date Requeste	ed:			NEL	JAP -	rexa	15		-			_	_			890-8814-1 Preservation Cod	
1211 W. Florida Ave, ,	9/18/2025								Α	naly	sis R	eques	sted				Preservation Cod	es:
City: Midland	TAT Requested (da	TAT Requested (days): N/A							T	Τ					T	1		
State, Zip: TX, 79701																		
Phone: 432-704-5440(Tel)	PO #: N/A								H.									
Email: N/A	WO#: N/A				12 .	١			Full	lorid								
Project Name:	N/A Project #:				98 01	or No)			repf	호						5		
GRAMMA RIDGE BATTERY	89000237				٥ (١	88 0		×	8	EAC						containers		
Site: N/A	ssow#: N/A				Sampl	SD (X		alcBT	015NM	D/D/C						of con	Other: N/A	
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Type (C=comp, o	Matrix W=water, S=solid, rwaste/oil, issue, A=Air	leld Filtered	Perform MS/MSD (Yes	8015MOD Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride						Total Number		
			Preservation		X	X -	- 00	- 8	-	F.	E/A A.			25 75 15		5	Special in	structions/Note:
CS -1 (0.5') (890-8814-1)	9/17/25	Mountain	G	Solid	ÍΪ	,	x >	X	X	×						1		
CS -2 (0.5') (890-8814-2)	9/17/25	Mountain	G	Solid	H	)	x >	X	X	X						1		
CS -3 (0.5') (890-8814-3)	9/17/25	Mountain	G	Solid		)	x >	X	Х	х				$\Box$		1		
					H	+	+	+	+	+				+				
					П													
					H	+	+	-	-			+		+	+			
					H	+	+	+	+	-		+	$\vdash$		_			
Note. Since laboratory accreditations are subject to change, Eurofins Em- laboratory does not currently maintain accreditation in the State of Origin accreditation status should be brought to Eurofins Environment Testing S	listed above for analysis/fests	/marny being a	inalyzed the sample	ac must be	chinn	and had	ck to th	O FILE	ofine E	DIMEGO	nont Too	ina Caul	th Cantra	I I I C lob	aratanı ar	athar	ingto otions will be as-	added the state of the
Possible Hazard Identification															s are re		ed longer than 1	
Unconfirmed					1		_	ım To					sal By	Lab		Arch	nive For	Months
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliver	able Rank: 2	2		S	Speci	al Ins	tructi	ons/C	QC Re	equirem	ents:						
Empty Kit Relinquished by:		Date:	Io.		Time								Method	of Shipme				
Relinguished by: LHCIA JVARCE	Date/Time: 2	5 16:	30	pany		$\perp$	eceive			>	4			Date/	Time:			Company
Relinquished by:	Date/Time:		Com	pany		Re	eceive	by:		I	A			Date	A A	5	700	Company
Relinquished by:	Date/Time:		Com	pany		Re	ceive	by:		-	V			Date	Time			Company
Custody Seals Intact: Custody Seal No.:  Δ Yes Δ No						Co	ooler T	emper	ature(s	s) °C aı	nd Other	Remarks	2	5,0	1	2	.3	

## **Login Sample Receipt Checklist**

Client: Carmona Resources Job Number: 890-8814-1

SDG Number: 2860

Login Number: 8814 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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	

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## **Login Sample Receipt Checklist**

Client: Carmona Resources

Job Number: 890-8814-1

SDG Number: 2860

Login Number: 8814
List Source: Eurofins Midland
List Number: 2
List Creation: 09/18/25 07:31 AM

Creator: Laing, Edmundo

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	N/A	

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**Eurofins Carlsbad** 

<6mm (1/4").

**Environment Testing** 

# **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

## **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**

1
3
4
5
6
10
11
17
20
22
23
24
25
27

## **Definitions/Glossary**

Client: Carmona Resources

Job ID: 890-8813-1

Project/Site: GRAMMA RIDGE BATTERY SDG: 2860

#### **Qualifiers**

#### **GC VOA**

Qualifier Description

U Indicates the analyte was analyzed for but not detected.

#### **GC Semi VOA**

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

**Eurofins Carlsbad** 

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#### **Case Narrative**

Client: Carmona Resources Job ID: 890-8813-1 Project: GRAMMA RIDGE BATTERY

**Eurofins Carlsbad** Job ID: 890-8813-1

#### 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 sitespecific 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.

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

Lab Sample ID: 890-8813-1

Matrix: Solid

**Client Sample ID: H - 1 (0.5')** Date Collected: 09/17/25 00:00

Date Received: 09/17/25 13:09

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	
Toluene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/18/25 07:54	09/18/25 12:06	
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/18/25 07:54	09/18/25 12:06	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/18/25 07:54	09/18/25 12:06	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	93		70 - 130				09/18/25 07:54	09/18/25 12:06	
1,4-Difluorobenzene (Surr)	104		70 - 130				09/18/25 07:54	09/18/25 12:06	
Method: TAL SOP Total BTEX - T	Total BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/18/25 12:06	
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (	GC)						
		ics (DRO) (	GC)	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Method: SW846 8015 NM - Diese Analyte Total TPH		Qualifier	•	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 09/18/25 16:03	
Analyte	Result < 50.1	Qualifier U	<b>RL</b>	MDL		<u>D</u>	Prepared		
Analyte Total TPH  . Method: SW846 8015B NM - Dies	Result <50.1	Qualifier U	<b>RL</b>	MDL MDL	mg/Kg	D D	Prepared Prepared		
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte	Result <50.1	Qualifier Unics (DRO) Qualifier	RL 50.1		mg/Kg		· · ·	09/18/25 16:03	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result  <50.1 sel Range Orga Result	Qualifier Unics (DRO) Qualifier	RL     50.1		mg/Kg		Prepared	09/18/25 16:03  Analyzed	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result  <50.1 sel Range Orga Result	Qualifier U  nics (DRO) Qualifier U	RL     50.1		mg/Kg		Prepared	09/18/25 16:03  Analyzed	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U  nics (DRO) Qualifier U	RL 50.1  (GC)  RL 50.1  50.1		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40	09/18/25 16:03  Analyzed 09/18/25 16:03 09/18/25 16:03	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result <50.1  sel Range Orga Result <50.1	Qualifier U  nics (DRO) Qualifier U	RL     50.1		mg/Kg  Unit mg/Kg		Prepared 09/17/25 07:40	09/18/25 16:03  Analyzed 09/18/25 16:03	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U  nics (DRO) Qualifier U  U	RL 50.1  (GC)  RL 50.1  50.1		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40 Prepared	O9/18/25 16:03  Analyzed  O9/18/25 16:03  O9/18/25 16:03  O9/18/25 16:03  Analyzed	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)  Surrogate	Result	Qualifier U  nics (DRO) Qualifier U  U	RL 50.1  (GC)  RL 50.1  50.1  50.1		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40	09/18/25 16:03  Analyzed 09/18/25 16:03 09/18/25 16:03	Dil Fa
Analyte Total TPH	Result	Qualifier U  nics (DRO) Qualifier U  U	RL     50.1		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40 Prepared	O9/18/25 16:03  Analyzed  O9/18/25 16:03  O9/18/25 16:03  O9/18/25 16:03  Analyzed	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane (Surr)	Result   <50.1	Qualifier U  nics (DRO) Qualifier U  U  Qualifier	RL 50.1  (GC)  RL 50.1  50.1  50.1  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40  Prepared 09/17/25 07:40	09/18/25 16:03  Analyzed 09/18/25 16:03  09/18/25 16:03  09/18/25 16:03  Analyzed  09/18/25 16:03	Dil Fa
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	Result	Qualifier U  nics (DRO) Qualifier U  U  Qualifier	RL 50.1  (GC)  RL 50.1  50.1  50.1  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40  Prepared 09/17/25 07:40	09/18/25 16:03  Analyzed 09/18/25 16:03  09/18/25 16:03  09/18/25 16:03  Analyzed  09/18/25 16:03	Dil Fa

Client Sample ID: H - 2 (0.5') Lab Sample ID: 890-8813-2

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

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

**Eurofins Carlsbad** 

**Matrix: Solid** 

## **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')

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

Lab Sample ID: 890-8813-2

09/19/25 10:42

**Matrix: Solid** 

Matrix: Solid

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	
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<49.7	U	49.7		mg/Kg			09/18/25 16:18	1
Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 16:18	-
(GRO)-C6-C10									
Diesel Range Organics (Over	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 16:18	
C10-C28)									
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/17/25 07:40	09/18/25 16:18	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	102		70 - 130				09/17/25 07:40	09/18/25 16:18	
o-Terphenyl (Surr)	107		70 - 130				09/17/25 07:40	09/18/25 16:18	

9.98 Client Sample ID: H - 3 (0.5') Lab Sample ID: 890-8813-3

mg/Kg

79.0

Date Collected: 09/17/25 00:00

Chloride

Date Received: 09/17/25 13:09

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)  Method: TAL SOP Total BTEX Analyte		culation Qualifier	70 <sub>-</sub> 130 <b>R</b> L	MDL	Unit	D	09/18/25 07:54  Prepared	09/18/25 12:47  Analyzed	
		culation	70 - 130				09/18/25 07:54	09/18/25 12:47	1
Method: TAL SOP Total BTEX	( - Total BTEX Cald	Qualifier		MDL	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX	C - Total BTEX Calc Result <0.00399	<b>Qualifier</b> U	RL 0.00399	MDL		<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte	4 - Total BTEX Calc Result <0.00399 esel Range Organ	<b>Qualifier</b> U	RL 0.00399			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di	4 - Total BTEX Calc Result <0.00399 esel Range Organ	Qualifier U ics (DRO) ( Qualifier	RL 0.00399		mg/Kg		Prepared	Analyzed 09/18/25 12:47	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX Method: SW846 8015 NM - Di Analyte	4 - Total BTEX Calc Result <0.00399 esel Range Organ Result <50.2	Qualifier U ics (DRO) ( Qualifier U	RL 0.00399  GC) RL 50.2		mg/Kg		Prepared	Analyzed 09/18/25 12:47  Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Di Analyte Total TPH	c - Total BTEX Calc Result <0.00399 esel Range Organ Result <50.2	Qualifier U ics (DRO) ( Qualifier U	RL 0.00399  GC) RL 50.2	MDL	mg/Kg		Prepared	Analyzed 09/18/25 12:47  Analyzed	Dil Fac
Method: TAL SOP Total BTEX Analyte Total BTEX  Method: SW846 8015 NM - Di Analyte Total TPH  Method: SW846 8015B NM - I	c - Total BTEX Calc Result <0.00399 esel Range Organ Result <50.2	Qualifier U ics (DRO) (Qualifier U nics (DRO) Qualifier	RL 0.00399  GC) RL 50.2	MDL	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 09/18/25 12:47  Analyzed 09/18/25 16:33	Dil Fac

Client: Carmona Resources

Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1

SDG: 2860

Client Sample ID: H - 3 (0.5')

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

Lab Sample ID: 890-8813-3

Matrix: Solid

Method: SW846 8015B NM - Dies	sel Range Orga	nics (DRO)	(GC) (Continu	ıed)				
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 Analyzed Dil Fac Prepared Chloride 87.9 10.1 09/19/25 10:48 mg/Kg

Client Sample ID: H - 4 (0.5')

Date Collected: 09/17/25 00:00

Date Received: 09/17/25 13:09

o-Terphenyl (Surr)

Released to Imaging: 12/4/2025 3:23:02 PM

Lab	Sampl	e ID:	890-8813-4
			Matrix: Solid

Method: SW846 8021B - Volati	le Organic Comp	ounds (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 - To	tal BTEX Cald	culation							
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	Organ	ics (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 Ranç	ge Orga	nics (DRO) (G	C)						

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

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
	Analyte	Result Q	)ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	112		10.1		mg/Kg			09/19/25 10:54	1

70 - 130

79

**Eurofins Carlsbad** 

09/22/25 11:26

09/18/25 07:42

## **Client Sample Results**

Client: Carmona Resources

Project/Site: GRAMMA RIDGE BATTERY

Client Sample ID: H - 5 (0.5')

Job ID: 890-8813-1

SDG: 2860

Matrix: Solid

Lab Sampl	e ID:	890-8	813-5
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Date Collected: 09/17/25 00:00 Date Received: 09/17/25 13:09

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Benzene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	
Toluene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		09/18/25 07:54	09/18/25 13:27	
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/18/25 07:54	09/18/25 13:27	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/18/25 07:54	09/18/25 13:27	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
4-Bromofluorobenzene (Surr)	92		70 - 130				09/18/25 07:54	09/18/25 13:27	
1,4-Difluorobenzene (Surr)	100		70 - 130				09/18/25 07:54	09/18/25 13:27	
Method: TAL SOP Total BTEX - 1	otal BTEX Cald	culation							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/18/25 13:27	
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<50.0	U	50.0		mg/Kg			09/22/25 12:11	
Method: SW846 8015B NM - Dies	sel Range Orga	nics (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	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 12:11	•
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 12:11	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane (Surr)	82		70 - 130				09/18/25 07:42	09/22/25 12:11	
o-Terphenyl (Surr)	82		70 - 130				09/18/25 07:42	09/22/25 12:11	
Method: EPA 300.0 - Anions, Ion	Chromatogran	hy - Solubl	e						

9.90

mg/Kg

202 F1

09/19/25 11:00

Chloride

## **Surrogate Summary**

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

SDG: 2860

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

		BFB1	DFBZ1	Percent Surrogate Recovery (Acceptance Limits)
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	

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	
ab Sample ID	Client Sample ID	(70-130)	(70-130)	
90-8811-A-29-C MS	Matrix Spike	92	103	
90-8811-A-29-D MSD	Matrix Spike Duplicate	92	103	
90-8813-1	H - 1 (0.5')	90	92	
90-8813-2	H - 2 (0.5')	102	107	
90-8813-3	H - 3 (0.5')	94	99	
90-8813-4	H - 4 (0.5')	81	79	
90-8813-4 MS	H - 4 (0.5')	78	84	
90-8813-4 MSD	H - 4 (0.5')	94	83	
90-8813-5	H - 5 (0.5')	82	82	
CS 880-119084/2-A	Lab Control Sample	128	144 S1+	
.CS 880-119172/2-A	Lab Control Sample	106	116	
.CSD 880-119084/3-A	Lab Control Sample Dup	144 S1+	135 S1+	
.CSD 880-119172/3-A	Lab Control Sample Dup	102	114	
/IB 880-119084/1-A	Method Blank	71	77	
/IB 880-119172/1-A	Method Blank	112	115	

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

#### **QC Sample Results**

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

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** 

MB MB

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 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

мв мв

Surrogate	%Recovery Qua	ıalifier 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** 

	Spike	LC3	LUS				/orec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

LCS LCS

Surrogate	%Recovery 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

Prep Type: Total/NA

**Prep Batch: 119173** 

	Spike	LCSD	LCSD				%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	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	

LCSD LCSD

Surrogate	%Recovery	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** 

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

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Page 11 of 28

#### **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** 

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

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

Client Sample ID: H - 1 (0.5')

Prep Type: Total/NA

**Prep Batch: 119173** 

Analysis Batch: 119182

**Matrix: Solid** 

Lab Sample ID: 890-8813-1 MSD

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	%Recovery	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

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 119084

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 07:40	09/18/25 08:52	1

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130	09	9/17/25 07:40	09/18/25 08:52	1
o-Terphenyl (Surr)	77		70 - 130	OS	9/17/25 07:40	09/18/25 08:52	1

Lab Sample ID: LCS 880-119084/2-A

**Matrix: Solid** 

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

Prep Batch: 119084

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

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**Matrix: Solid** Analysis Batch: 119194

Analysis Batch: 119194

Released to Imaging: 12/4/2025 3:23:02 PM

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

LCS LCS

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

Client Sample ID: Lab Control Sample Dup

70 - 130

89

Prep Type: Total/NA

Prep Batch: 119084

12

Lab Sample ID: LCSD 880-119084/3-A **Matrix: Solid** 

Analysis Batch: 119194

Diesel Range Organics (Over

Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1040 104 70 - 13020 Gasoline Range Organics mg/Kg (GRO)-C6-C10

889.8

mg/Kg

1000

Spike

C10-C28)

LCSD LCSD

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

Lab Sample ID: 890-8811-A-29-C MS Client Sample ID: Matrix Spike

**Matrix: Solid** 

Prep Type: Total/NA Analysis Batch: 119194 Prep Batch: 119084 Sample Sample MS MS

Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <49.7 U 999 880.0 mg/Kg 88 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U 999 764.4 mg/Kg 77 70 - 130

C10-C28)

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

o-Terphenyl (Surr) 70 - 130 103

Lab Sample ID: 890-8811-A-29-D MSD

Analysis Batch: 119194

Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

> **Prep Batch: 119084** RPD %Rec

Sample Sample MSD MSD Spike Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit U 999 893.0 Gasoline Range Organics <49.7 mg/Kg 89 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <49.7 U 999 772.6 mg/Kg 77 70 - 130 20

C10-C28)

MSD MSD

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

**Eurofins Carlsbad** 

# QC Sample Results

Client: Carmona Resources Project/Site: GRAMMA RIDGE BATTERY

MR MR

115

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

Prep Type: Total/NA

**Prep Batch: 119172** 

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1
	МВ	MB							
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112	-	70 - 130				09/18/25 07:42	09/22/25 09:26	1

70 - 130

**Client Sample ID: Lab Control Sample** 

09/22/25 09:26

09/18/25 07:42

%Rec

118

116

**Matrix: Solid** 

Gasoline Range Organics

Diesel Range Organics (Over

o-Terphenyl (Surr)

Analyte

C10-C28)

(GRO)-C6-C10

Analysis Batch: 119452

Lab Sample ID: LCS 880-119172/2-A

Spike Added

1000

1000

LCS LCS

1182

1159

Result Qualifier Unit D

mg/Kg

mg/Kg

%Rec Limits

**Prep Batch: 119172** 

Prep Type: Total/NA

70 - 130 70 - 130

LCS LCS %Recovery Qualifier Limits Surrogate 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** 

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

LCSD LCSD

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

Lab Sample ID: 890-8813-4 MS Client Sample ID: H - 4 (0.5')

**Matrix: Solid** 

Analysis Batch: 119452

Prep Type: Total/NA

**Prep Batch: 119172** 

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

Client: Carmona Resources

Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1

SDG: 2860

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

MS MS

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

Lab Sample ID: 890-8813-4 MSD Client Sample ID: H - 4 (0.5')

**Matrix: Solid** 

Analysis Batch: 119452

Prep Type: Total/NA

**Prep Batch: 119172** 

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit <49.9 U 1000 871.4 87 70 - 130 6 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <49.9 U 1000 829.6 83 mg/Kg 70 - 1303 20 C10-C28)

MSD MSD

Surrogate	%Recovery	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 Client Sample ID: Method Blank

**Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 119260

MB MB

Analyte	Result	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

	эріке	LUS LUS				%Rec	
Analyte	Added	Result Qualifier	Unit	D	%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

	Sį	oike	LCSD	LCSD				%Rec		RPD
Analyte	Ad	ded	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	258.5		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 890-8813-5 MS Client Sample ID: H - 5 (0.5')

**Matrix: Solid** 

Analysis Batch: 119260

Analysis Batom 110200	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	202	F1	248	391.7	F1	mg/Kg		77	90 - 110	

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**Prep Type: Soluble** 

# **QC Sample Results**

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

SDG: 2860

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8813-5 MSD Client Sample ID: H - 5 (0.5')

**Matrix: Solid Prep Type: Soluble** Analysis Batch: 119260

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

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	- rep Batch
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	

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

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2

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4

6

8

40

12

13

Client: Carmona Resources

Job ID: 890-8813-1

Project/Site: GRAMMA RIDGE BATTERY

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

1

4

6

8

9

10

12

#### Lab Chronicle

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** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 09/17/25 00:00

Date Received: 09/17/25 13:09

Lab Sample ID: 890-8813-2

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 09/17/25 00:00

Date Received: 09/17/25 13:09

Lab Sample ID: 890-8813-3

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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')

Date Collected: 09/17/25 00:00

Date Received: 09/17/25 13:09

Lab Sample ID: 890-881	3-4
· · · · · · · · · · · · · · · · · · ·	
Matrix: S	olid

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

**Eurofins Carlsbad** 

**Matrix: Solid** 

#### Lab Chronicle

Client: Carmona Resources

Project/Site: GRAMMA RIDGE BATTERY

Job ID: 890-8813-1

SDG: 2860

Client Sample ID: H - 4 (0.5')

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

Lab Sample ID: 890-8813-4

**Matrix: Solid** 

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount Amount		Number	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

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

**Matrix: Solid** 

50 mL

119220

119260

09/18/25 11:43

09/19/25 11:00

SI

CS

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

1

5.05 g

Laboratory References:

Leach

Analysis

Soluble

Soluble

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

DI Leach

300.0

**Eurofins Carlsbad** 

**EET MID** 

**EET MID** 

# **Accreditation/Certification Summary**

Client: Carmona Resources Job ID: 890-8813-1 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	Progra	am	Identification Number	Expiration Date			
Texas	NELA	Р	T104704400	06-30-26			
,	are included in this report, bu	it the laboratory is not certi	fied by the governing authority. This lis	t may include analytes			
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

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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

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9/22/2025

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# Chain of Custody

Work Order	· No:	

Project Manager:	Ashton	Thielke				Bill to: (if	different\		Bill to: (if different) Carmona Resources							Page1 of1 Work Order Comments								
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			Ste. 500									<del></del>	Program: UST/PST  PRP  rownfields  RRC  uperfund  State of Project:											
						Address:			<del> </del>				+	Reporting:Level II   Level III   PST/UST   RRP   Level IV										
	Midland		701	<del></del>		City, Sta			<u> </u>				┨	1	_				ADaP		_			
Phone:	432-81	3-8988			Email:	iii: ThielkeA@Carmonaresources.com																		
Project Name:		Gramma	a Ridge Batte	ery	Turi	1 Around		- D	ļ	,		ANALYSIS R	REC	UES	T				· ·	Prese	rvative Codes			
Project Number:	er: 2860 Routine			Routine	<b> ✓</b> Rush	·	Pres. Code					<b></b> .	1		 	I,	1	١	None: NO	DI Water: H <sub>2</sub> O				
Project Location	ne: KR TAT starts ti lab, if re			Due Date:	72	HR	215			ļ						1		Ì	Cool: Cool	MeOH: Me				
Sampler's Name:				TAT starts the					MRO)										HCL: HC	HNO <sub>3</sub> : HN,				
PO #:					<u> </u>	eived by 4:3	0pm	ક્	1 +	+										H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>	NaOH: Na			
SAMPLE RECEI					·	Yes		ameters	18	+ DRO	300.0	890-8813 Ch	ain	of Cu	stody				1	H₃PO₄: HP				
Received Intact:					TNA	007	arar	EX 8021B		de 3		_						- O-	NaHSO <sub>4</sub> : NA					
Cooler Custody Seal			No (N/A)	Correction		-6.	2		BTE	- <del>5</del>	Chloride						1		Ŧ	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : Na				
Sample Custody Sea Total Containers:	als:	Yes	No (N/A/		ure Reading:		5.0	1.0		TPH 8015M ( GRO	ō						1			Zn Acetate+				
Total Containers:				Corrected	Temperature:	<u> </u>			4	¥				Ì		ļ		1		NaOH+Asco	orbic Acid: SAPC			
Sample Iden	ntificatio	n	Date	Time	Soil	Water	Grab/ Comp	# of Cont		¥										Samp	le Comments			
H-1 (0	).5')		9/17/2025		Х		Grab/	1	Х	Х	Х													
H-2 (0	).5')		9/17/2025		Х		Grab/	1	Х	Х	Х													
H-3 (0	).5')		9/17/2025		Х	<u></u>	Grab/	1	Х	Х	Х							L						
H-4 (0	).5')		9/17/2025		Х		Grab/	1	Х	Х	Х							L	1					
H-5 (0	).5')		9/17/2025		Х		Grab/	1	Х	Х	Х													
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#### **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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**Environment Testing** 

9/22/2025

Page 26 of 28

Client Information (Sub Contract Lab)	Sampler: N/A		b PM: ramer, Jessica								Carrier Tracking No(s): N/A						COC No: 890-5887.1						
Client Contact:	Phone:			E-N	Mail:				-		_	_	_	e of Orig	gin:			_	Page:	57.1			
Shipping/Receiving Company:	N/A			Je				@et.e					Ne	w Mex	ico			_	Page 1	of 1			
Eurofins Environment Testing South Centr						IELA		Requ	iirea (a	see no	ote)								Job #: 890-88	13-1			
Address: 1211 W. Florida Ave, ,	Due Date Request 9/22/2025	ed:			T					Ar	naly	sis Re	aue	sted				$\rightarrow$		ation Co	des:		
City. Midland	TAT Requested (da	ays): N/A			1							T	İ		T	T	T						
State, Zip: TX, 79701																							
Phone: 432-704-5440(Tel)	PO#: N/A						H																
Email: N/A	WO#: N/A				- S	6				PrepFull TPH	loride												
Project Name: GRAMMA RIDGE BATTERY	Project #:				- Xes	Z b					CHC							containers					
Site:	89000237 SSOW#:				- 8	Yes			BTEX	₹M S	,EE							onta	Other:				
N/A	N/A				Sam	USP	2		Calc	8015h	IQ/Q8							6	N/A				
Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Туре	Matrix W=water, S=solid, =waste/oil, lissue, A=A	Fleid Filtered	Perform MS/MSD	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM	300_ORGFM_28D/DI_LEACHChloride							Total Number	s	pecial I	nstruct	ions/No	ote:
	><	><	Preservation	Code:	X	$\propto$					-110				18	B 5		X			-	=	EVE 1
H - 1 (0.5') (890-8813-1)	9/17/25	Mountain	G	Solid		L	Х	х	Х	х	Х							1					
H - 2 (0.5') (890-8813-2)	9/17/25	Mountain	G	Solid			Х	х	Х	х	Х							1					
H - 3 (0.5') (890-8813-3)	9/17/25	Mountain	G	Solid			Х	Х	Х	х	Х							1					
H - 4 (0.5') (890-8813-4)	9/17/25	Mountain	G	Solid			Х	х	Х	х	Х							1					
H - 5 (0.5') (890-8813-5)	9/17/25	Mountain	G	Solid			Х	Х	Х	Х	х							1					
						Г																	
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Note: Since laboratory accreditations are subject to change, Eurofins Environmen laboratory does not currently maintain accreditation in the State of Origin listed at accreditation status should be brought to Eurofins Environment Testing South Ce	ove for analysis/fests	matrix being a	nalyzed the sample	es must l	he sh	inned	hack t	in the l	Furofi	ne En	vironn	ant Toet	ing Sou	th Cont	ml 110	Inhora	toni or c	other i	inetrustion	o will be a	sea side d	Anu ahan	
Possible Hazard Identification						Sai	nple	Disp	osa	I (A	fee r	nay be	asse.	ssed i	f sam	ples a	re ret	taine	d longe	er than	1 monti	h)	
Unconfirmed						1,		etum						osal B	/ Lab		ш,	Archi	ive For_		Mc	onths	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliver	able Rank: 2				Spe	ecial	Instru	uction	ns/Q	C Re	quirem	ents:										
Empty Kit Relinquished by: Date:														Metho	d of Sh	ipment:							
Refinquished by: LTICIA JUANEL	Inquighed by.  LTICIA JUANEL  Date/Time: 17 25 16:30 Compan						Rece	ived b	у:		4	/			D	ate/Tim	e:				Comp	any	
Relinquished by:	Date/Time: Company					Received by:							-		C	) ef	\$/7	<	4	77	Comp	any	
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Custody Seals Intact: Custody Seal No.: Δ Yes Δ No							Coole	er Tem	perati	ure(s)	°C an	d Other I	Remark	s:	Z	, (	1	2	2		_		
A 169 A 110					-		_		_					_	_	, •	1	1	)/ )		Ver	10/10/20	124

# **Login Sample Receipt Checklist**

Client: Carmona Resources Job Number: 890-8813-1

SDG Number: 2860

Login Number: 8813 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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	

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# **Login Sample Receipt Checklist**

Client: Carmona Resources

Job Number: 890-8813-1

SDG Number: 2860

List Source: Eurofins Midland
List Number: 2
List Creation: 09/18/25 07:31 AM

Creator: Laing, Edmundo

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	N/A	

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<6mm (1/4").

**Environment Testing** 

# **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

# **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 <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440

9/19/2025

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

# **Table of Contents**

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	20

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# **Definitions/Glossary**

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

SDG: 2860

#### **Qualifiers**

#### **GC VOA**

Qualifier **Qualifier Description** 

Indicates the analyte was analyzed for but not detected.

#### **GC Semi VOA**

#### Qualifier **Qualifier Description**

S1+ Surrogate recovery exceeds control limits, high biased. 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 repo	ort.
Abbicviation	These commonly asea appreviations may or may not be present in this rep	Oit.

☼ 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" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML MPN Most Probable Number Method Quantitation Limit MQL

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)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

**TNTC** Too Numerous To Count

### **Case Narrative**

Client: Carmona Resources Job ID: 890-8812-1
Project: Gramma Ridge Battery

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.

**Eurofins Carlsbad** 

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# **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

Analyte		ounds (GC) 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	
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 - 1	Total BTEX Cald	culation							
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. 344040 0013 MM - Diese	a Kange Organ	י) (טאט) פטו	GC)						
Method: SW846 8015 NM - Diese			•	MDI	Unit	n	Prenared	Analyzed	Dil Fac
Analyte		Qualifier	RL 50.0	MDL	Unit mg/Kg	<u>D</u>	Prepared	Analyzed 09/18/25 15:47	
Analyte Total TPH	Result   <50.0	Qualifier U	<b>RL</b> 50.0	MDL		<u>D</u>	Prepared		
Analyte Total TPH  Method: SW846 8015B NM - Dies	Result <50.0	Qualifier U	RL 50.0		mg/Kg			09/18/25 15:47	1
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte	Result <50.0  sel Range Orga Result	Qualifier Unics (DRO) Qualifier	70.0 (GC)	MDL	mg/Kg	<u>D</u>	Prepared	09/18/25 15:47  Analyzed	1 Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <50.0	Qualifier Unics (DRO) Qualifier	RL 50.0		mg/Kg			09/18/25 15:47	1 Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10	Result <50.0  Sel Range Orga Result <50.0	Qualifier U  nics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg  Unit mg/Kg		Prepared 09/17/25 07:40	09/18/25 15:47  Analyzed  09/18/25 15:47	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics	Result <50.0  sel Range Orga Result	Qualifier U  nics (DRO) Qualifier U	70.0 (GC)		mg/Kg		Prepared	09/18/25 15:47  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over	Result <50.0  Sel Range Orga Result <50.0	Qualifier U  nics (DRO) Qualifier U	RL 50.0 (GC) RL 50.0		mg/Kg  Unit mg/Kg		Prepared 09/17/25 07:40	09/18/25 15:47  Analyzed  09/18/25 15:47	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28)	Result	Qualifier U  nics (DRO) Qualifier U  U	RL 50.0 (GC) RL 50.0 50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40	09/18/25 15:47  Analyzed  09/18/25 15:47  09/18/25 15:47	1 Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)	Result	Qualifier U  nics (DRO) Qualifier U  U	RL 50.0  (GC)  RL 50.0  50.0  50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40	09/18/25 15:47  Analyzed 09/18/25 15:47 09/18/25 15:47	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)  Surrogate	Result	Qualifier U  nics (DRO) Qualifier U  U	RL   50.0		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40 Prepared	O9/18/25 15:47  Analyzed  O9/18/25 15:47  O9/18/25 15:47  O9/18/25 15:47  Analyzed	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane (Surr)	Result   <50.0	Qualifier U  nics (DRO) Qualifier U  U  Qualifier	RL 50.0  (GC)  RL 50.0  50.0  50.0  Limits  70 - 130  70 - 130		mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40  Prepared 09/17/25 07:40	09/18/25 15:47  Analyzed 09/18/25 15:47  09/18/25 15:47  09/18/25 15:47  Analyzed  09/18/25 15:47	Dil Fac
Analyte Total TPH  Method: SW846 8015B NM - Dies Analyte Gasoline Range Organics (GRO)-C6-C10 Diesel Range Organics (Over C10-C28) Oil Range Organics (Over C28-C36)  Surrogate 1-Chlorooctane (Surr) o-Terphenyl (Surr)	Result	Qualifier U  nics (DRO) Qualifier U  U  Qualifier	RL 50.0  (GC)  RL 50.0  50.0  50.0  Limits  70 - 130  70 - 130	MDL	mg/Kg  Unit mg/Kg  mg/Kg		Prepared 09/17/25 07:40 09/17/25 07:40 09/17/25 07:40  Prepared 09/17/25 07:40	09/18/25 15:47  Analyzed 09/18/25 15:47  09/18/25 15:47  09/18/25 15:47  Analyzed  09/18/25 15:47	Dil Fac  Dil Fac  1  Dil Fac  1  Dil Fac  Dil Fac  Dil Fac

# **Surrogate Summary**

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

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	

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

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

				Percent Surrogate Rec
		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	

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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** 

	MB	MB							
Analyte	Result	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

MB	MB				
%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
97		70 - 130	09/17/25 08:53	09/17/25 11:33	1
90		70 - 130	09/17/25 08:53	09/17/25 11:33	1

Lab Sample ID: MB 880-119122/5-A

Matrix: Solid

Surrogate

Analysis Batch: 119096

4-Bromofluorobenzene (Surr) 1,4-Difluorobenzene (Surr)

Client Sample ID: Method Blank

Prep Type: Total/NA

**Prep Batch: 119122** 

	MB	MB							
Analyte	Result	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

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

Lab Sample ID: LCS 880-119122/1-A

**Matrix: Solid** 

Analysis Batch: 119096

**Client Sample ID: Lab Control Sample** 

Analyzed 09/17/25 22:31 09/17/25 22:31

Prep Type: Total/NA **Prep Batch: 119122** 

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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	

	LCS LCS	
Surrogate	%Recovery 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	<b>Sample Dup</b>
	Dunin Ti	T-4-1/NIA

Prep Type: Total/NA

**Prep Batch: 119122** 

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

**Eurofins Carlsbad** 

9/19/2025

# QC Sample Results

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

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

LCSD LCSD

Surrogate	%Recovery	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 Prep Type: Total/NA

**Matrix: Solid** 

Analysis Batch: 119096									Prep	Batch: 119122
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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	

MS MS

Surrogate	%Recovery 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** 

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

MSD MSD

Surrogate	70Necovery	Qualifier	Liiiillo
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

мв мв Result Qualifier RL MDL Unit Prepared Analyzed Gasoline Range Organics <50.0 U 50.0 09/17/25 07:40 09/18/25 08:52 mg/Kg (GRO)-C6-C10

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

MB MB

MR MR

Surrogate	%Recovery	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

**Client Sample ID: Lab Control Sample** 

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

Analysis Batch: 119194

Prep Type: Total/NA Prep Batch: 119084

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

LCS LCS

Surrogate	%Recovery	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

<b>Client Sample</b>	ID: Lab	Control	Sample	Dup
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Prep Type: Total/NA

Prep Batch: 119084

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

LCSD LCSD Surrogate %Recovery 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

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	999	880.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over	<49.7	U	999	764.4		mg/Kg		77	70 - 130

C10-C28)

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

Project/Site: Gramma Ridge Battery

Client: Carmona Resources

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

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics	<49.7	U	999	893.0		mg/Kg		89	70 - 130	1	20
(GRO)-C6-C10											
Diesel Range Organics (Over	<49.7	U	999	772.6		mg/Kg		77	70 - 130	1	20
C10-C28)											

Limits

MSD MSD Qualifier %Recovery

Surrogate

70 - 130 1-Chlorooctane (Surr) 92 o-Terphenyl (Surr) 103 70 - 130 Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: Method Blank

**Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 119260

Lab Sample ID: MB 880-119220/1-A

Lab Sample ID: LCS 880-119220/2-A

Lab Sample ID: LCSD 880-119220/3-A

MB MB

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

> **Client Sample ID: Lab Control Sample Prep Type: Soluble**

**Matrix: Solid** 

Analysis Batch: 119260

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

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

**Matrix: Solid** 

Analysis Batch: 119260

	Spike	LCSD	LCSD			%Rec		RPD	
Analyte	Added	Result	Qualifier	Unit [	O %Rec	Limits	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 **Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 119260

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

Lab Sample ID: 890-8813-A-5-E MSD

Client Sample ID: Matrix Spike Duplicate

**Prep Type: Soluble** 

**Matrix: Solid** 

Analysis Batch: 119260

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

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

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

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

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	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	NELA	Р	T104704400						
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analyte for which the agency does not offer certification.									
Analysis Method	Prep Method	Matrix	Analyte						
8015 NM		Solid	Total TPH						
Total BTEX		Solid	Total BTEX						

3

1

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7

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# **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

**Eurofins Carlsbad** 

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# **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

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9/19/2025

# Chain of Gustody

Work Order	No:	

Project Manager:	Ashton Thi	elke			Bill to: (if	Bill to: (if different)			to: (if different) Carmona Resources											-		w	ork O	Order Comments					
Company Name:	Carmona F	Resources			Company Name:											Prog	ram: l	JST/PS	ST 🔲 F	PRP [	Brow	nfields	□RRC	uperfun	ıd 🔲				
Address:	310 West \	Wall Ste. 500			Address	:		State of Project:																					
City, State ZIP:	Midland, T	X 79701			City, Sta	te ZIP:											rting:L	evel II	Le	vel III	₽sī	r/ust	TRRP	Level IV	<b>,</b> □				
Phone:	432-813-89	988		Email:	Thielke	A@Carm	onareso	ources	.com							Delive	erable	s: EDI	o 🗆		ADaP	т□	Other	:					
Project Name:	Gra	ımma Ridge Batt	ery	Turr	Around								ANAL	LY <b>S</b> IS	REC	UEST						Р	reserva	tive Codes					
Project Number:		2860		Routine	<b></b> Rush	1	Pres. Code				I		Ι,			1	1	1	i	ı		None:		DI Water: I	$\neg$				
Project Location		Lea Co, NM		Due Date:	72	HR					_				Ш					-		Cool: C	Cool	MeOH: Me	,				
Sampler's Name:		KR		TAT starts the					MRO)											1		HCL: F		HNO <sub>3</sub> : HN					
PO #:				lab, if rece	ived by 4:3	30pm	ত		+													H <sub>2</sub> S0 <sub>4</sub> :	H <sub>2</sub>	NaOH: Na					
SAMPLE RECEI	PT	Temp Blank:	Yes No	Wet Ice:	(Yes	No	meters	18 18	TPH 8015M ( GRO + DRO	Chloride 300.0	8	390-8	812	Chain o	of Cus	stody						H <sub>3</sub> PO <sub>4</sub>	: HP						
Received Intact		Yes/ No	Thermom		TNO	ugo /	arar	BTEX 8021B	\$	g g	<del>-</del>									i	0.0		D₄: NABI						
Cooler Custody Seal		es No (N/A)	Correctio		-0.	2		Ë	<u> </u>	5											Ŧ	1	Ō₃: NaS0						
Sample Custody Sea	als: Y	es No N/A	77.7	ture Reading:	- 5	7.8		"	15M	5						}	1						etate+Na						
otal Containers:	-		Corrected	Temperature:	~ 5				Н 80		ı					İ	1					NaOH-	+Ascorbi	c Acid: SAPC					
Sample ider	ntification	Date	Time	Soil	Water	Grab/ Comp	# of Cont		<b>₽</b>													s	ample	Comments					
Backfill S	Sample	9/17/2025		Х		С	1	Х	Х	Х																			
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100		alia	er_				4/	17	<u> 13</u>	:00	9						<u> </u>												



Environment Testing

9/19/2025

Page 19 of 21

Released to Imaging: 12/4/2025 3:23:02 PM

Ver: 10/10/2024

# **Eurofins Carlsbad**

1089 N Canal St.

Carlsbad, NM 88220

# **Chain of Custody Record**

1000	400
0.00	-
mr.	
	-
100	-

Phone: 575-988-3199 Fax: 575-988-3199																							
Client Information (Sub Contract Lab)	Sampler: N/A			Lab Kra		er, Jessica								er Tracki	ng No(s	):		COC No. 890-5886.1					
Client Contact: Shipping/Receiving	Phone: N/A							et.e	urofin	sus.	.com			tate of Origin: New Mexico					Page: Page 1 of 1				
Company: Eurofins Environment Testing South Centr							red (Se	e not	te):				Job#										
Address:	Due Date Request	. 4.			NE	LAP	- Te	xas										_	8812-1				
1211 W. Florida Ave,	9/22/2025									An	alysi	s Re	ques	ted				Pres	ervation	Codes:			
City: Midland	TAT Requested (d	ays): N/A																					
State, Zip: TX, 79701																							
Phone: 432-704-5440(Tel)	PO#: N/A									H													
Email: N/A	WO#: N/A				or No	6				PrepFull TPH	loride						15						
Project Name:	Project #:			_	18	or No)				Prep	SHC.						50						
Gramma Ridge Battery	89000237				18	688			Ĕ :	ω <sub>1</sub>	EAC	1					containers						
Site: N/A	SSOW#: N/A				Samp	S/MSD ()	2		Calcb	1015N	JQ/QE						0	N/A	r.				
		Sample	Туре	Matrix W=water, S=solid, =waste/oil,	eld Filtered	Perform MS/N	Total_BTEX_GCV	8015MOD_Calc	8021B/5035FP_CalcBTEX	8015MOD_NM/8015NM_S	300_ORGFM_28D/DI_LEACHChloride						al Number						
Sample Identification - Client ID (Lab ID)	Sample Date	Time	G=grab) BT=1		順	å	P	80	80	8	300		_				Total		Specia	l Instru	ctions	/Note:	:
DACKETT CAMPLE (000 0040 4)			Preservation	-	A	X	-	+	27				311				X	-					Bu St
BACKFILL SAMPLE (890-8812-1)	9/17/25	Mountain	G	Solid	Ш		X	X	X	Х	Х				$\perp$		1						
					Ц																		
																	7						
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Note: Since laboratory accreditations are subject to change, Eurofins Environable and the State of Origin list accreditation in the State of Origin list accreditation status should be brought to Eurofins Environment Testing South																							
Possible Hazard Identification						Sam	ple l	Disp	osal (	Af	ee ma	y be a	sses	sed if	sampl	es are	retain	ned lo	nger tha	n 1 mo	nth)		-
Unconfirmed						L			To CI					sal By	Lab		Arc	hive F	or		Months	3	
Deliverable Requested: I, II, III, IV, Other (specify)	Primary Deliver	able Rank: 2	2			Spec	cial Ir	nstru	ctions	s/QC	Requ	iireme	nts:										
Empty Kit Relinquished by:		Date:			Tin	ne:					1			Method	of Shipn	nent.							
Relinquished by: Leticia Jucrez	9/17/25	16:30	Con	ipany		F	Receiv	red by		7	1.				Date	/Time:				Co	mpany		
Relinquished by:	Date/Time:		Com	pany		F	Receiv	ed by:		1	M	1	0		2	18/	25	- 5	<0	Co	mpany		
Relinquished by:	Date/Time:		Com	pany		F	Receiv	red by:		1	Y				Date	Time	رم			Co	mpany		$\neg$
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No						(	Cooler	Temp	perature	e(s) °	C and C	Other Re	emarks	3		11	3-	3		-1	-	C	RX

# **Login Sample Receipt Checklist**

Client: Carmona Resources Job Number: 890-8812-1

SDG Number: 2860

Login Number: 8812 List Source: Eurofins Carlsbad

List Number: 1

Creator: Bruns, Shannon

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 Jo

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

List Source: Eurofins Midland
List Number: 2
List Creation: 09/18/25 07:31 AM

Creator: Laing, Edmundo

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	N/A	

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<6mm (1/4").

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 509345

#### **QUESTIONS**

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

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, Page 2

Action 509345

QUESTIONS (	continued	ľ
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QUESTI	ONS (continued)
Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd Midland, TX 79706	Action Number: 509345
Wildiana, 1X 19100	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.	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 s	rafety 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.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releating the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
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

General Information Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 509345

#### **QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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 ar	nd 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 der	monstrating 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 vertica	l extents of contamination been fully delineated	Yes
Was this release entirely co	ontained within a lined containment area	No
Soil Contamination Sampling	: (Provide the highest observable value for each, in mill	igrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI 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
	IMAC unless the site characterization report includes completed elines for beginning and completing the remediation.	efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date wil	Il the remediation commence	09/12/2025
On what date will (or did) th	ne final sampling or liner inspection occur	09/17/2025
On what date will (or was) t	the remediation complete(d)	09/12/2025
What is the estimated surface area (in square feet) that will be reclaimed 0		0
What is the estimated volume (in cubic yards) that will be reclaimed 0		
What is the estimated surfa	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 4

Action 509345

**QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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	
D- 0.1- 4:- D-440 45 00 44 NMAO		

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.

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

QUESTIONS, Page 5

Action 509345

**QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 6

Action 509345

**QUESTIONS** (continued)

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

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Title: Environmental Specialist
Email: kennedy.lincoln@chevron.com
Date: 09/25/2025

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

QUESTIONS, Page 7

Action 509345

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	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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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 509345

#### **CONDITIONS**

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

#### CONDITIONS

Created By		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