CARMONA RESOURCES

SITE INFORMATION

Closure Report
Pintail 3 Fed RT Battery (08.03.2025)
Incident ID: nAPP2521629950
Lea County, New Mexico
Unit O Sec 03 T26S R32E
32.0657692, -103.6616829

Crude Oil Release
Point of Release: Flare Fire
Release Date: 08/03/2025
Volume Released: 0.02 Barrels of Crude Oil
Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES

Prepared for:
Concho Operating, LLC
600 W Illinois Ave
Midland, Texas 79701

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

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

CARMONA RESOURCES

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

CARMONA RESOURCES

October 13, 2025

New Mexico Oil Conservation Division
1220 South St, Francis Drive
Santa Fe, NM 87505

Re: Closure Report
Pintail 3 Fed RT Battery (08.03.2025)
Incident ID: nAPP2521629950
Concho Operating, LLC
Site Location: Unit O, S03, T26S, R32E
(Lat 32.0657692°, Long -103.6616829°)
Lea County, New Mexico

To whom it may concern:

On behalf of Concho Operating, LLC (COG), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Pintail 3 Fed RT Battery (08.03.2025). The site is located at 32.0657692, -103.6616829 within Unit O, S03, T26S, R32E, in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 3, 2025, due to a flare fire. The incident released approximately zero point zero two (0.02) barrels of crude oil with zero (0) barrels of crude oil recovered. The impacted area occurred on pad, as shown in Figure 3. The Notice of Release and C-141 forms are attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. A groundwater determination bore is located approximately 0.31 miles West of the site in S06, T26S, R32E and was drilled in 2024. The well has a reported depth to groundwater of 105’ below ground surface (ft bgs). 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 was utilized in assessing the site.

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

4.0 Site Assessment Activities

Initial Assessment

On August 15, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) sample points (S-1 through S-2) and four (4)

310 West Wall Street, Suite 500
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CARMONA RESOURCES

horizontal sample points (H-1 through H-4) were installed to total depths ranging from surface to 6" bgs inside and surrounding the release area to evaluate the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

5.0 Remediation Activities

Carmona Resources personnel were on site to mark out the proposed excavation areas and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on September 8, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. The areas of S-1 and S-2 were excavated to a depth of 1.5' to ensure the removal of all impacted material. A total of five (5) confirmation floor samples were collected (CS-1 and CS-5), and seven (7) sidewall samples (SW-1 through SW-7) were collected every 200 square feet to ensure the proper removal of the contaminated soils. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 4.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and chloride. Refer to Table 2 for the analytical results.

Once the remediation activities were completed, the excavated area was backfilled with clean material to surface grade. The material utilized for backfill was sourced locally. The composite pit sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

Approximately 61 cubic yards of material were excavated and transported off-site for proper disposal.

6.0 Conclusions

Based on the assessment results and the analytical data, no further actions are required at the site. COG formally requests the closure of this incident. If you have any questions regarding this report or need additional information, please get in touch with us at 432-813-6823.

Sincerely,
Carmona Resources, LLC

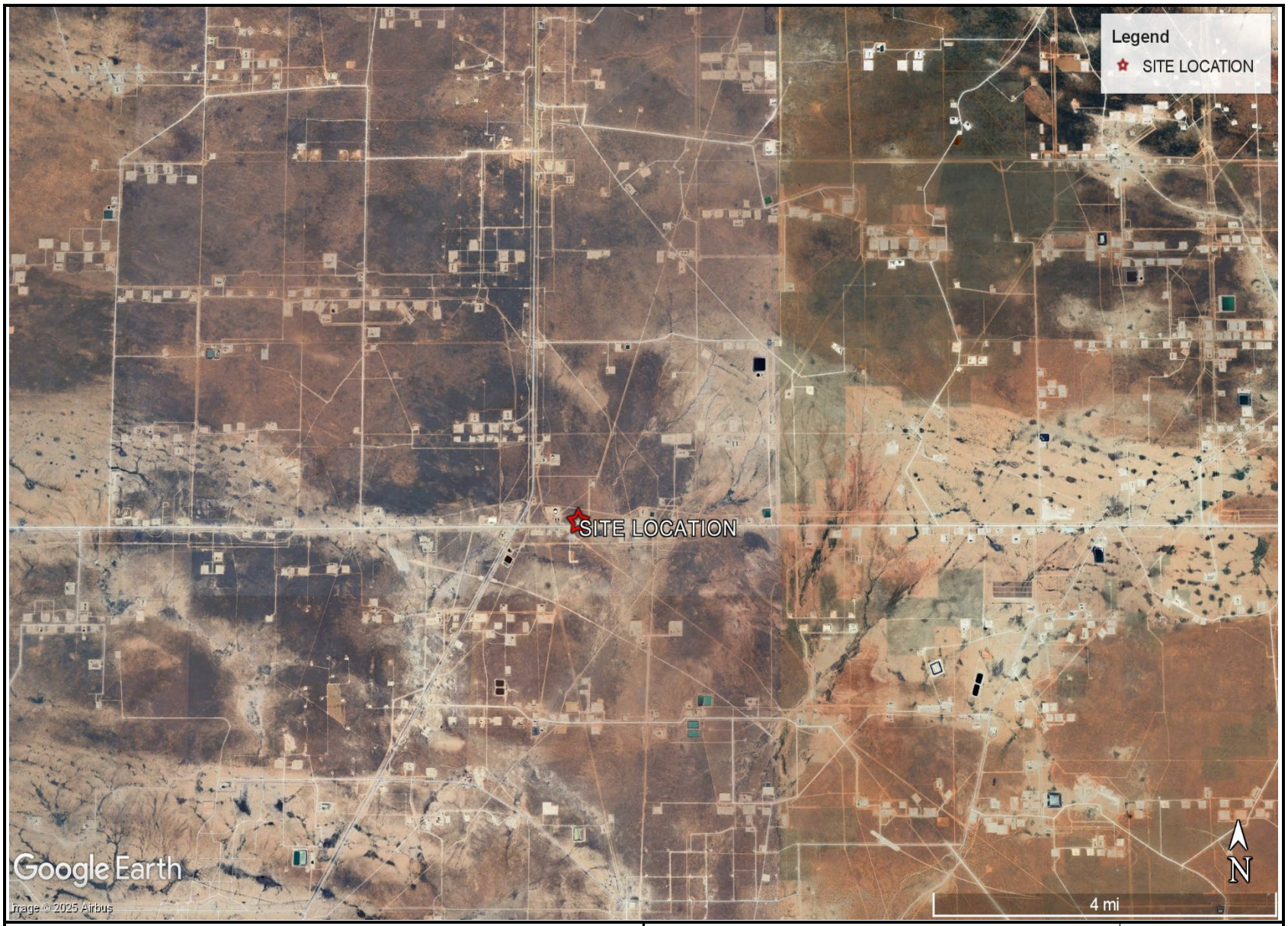
Conner Moehring
Environmental Manager

Stephen Reyes
Environmental Engineer

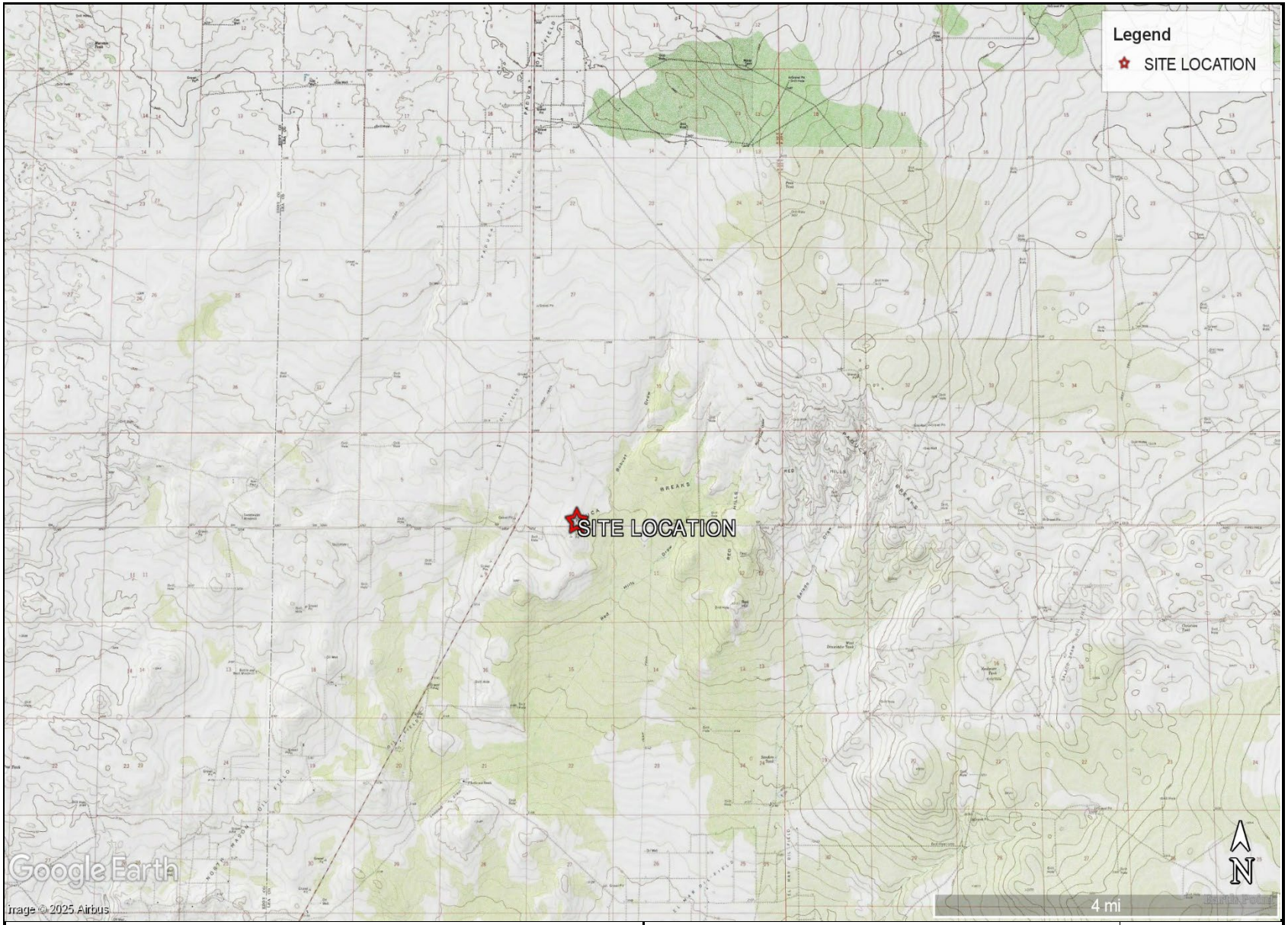
310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992

FIGURES

CARMONA RESOURCES



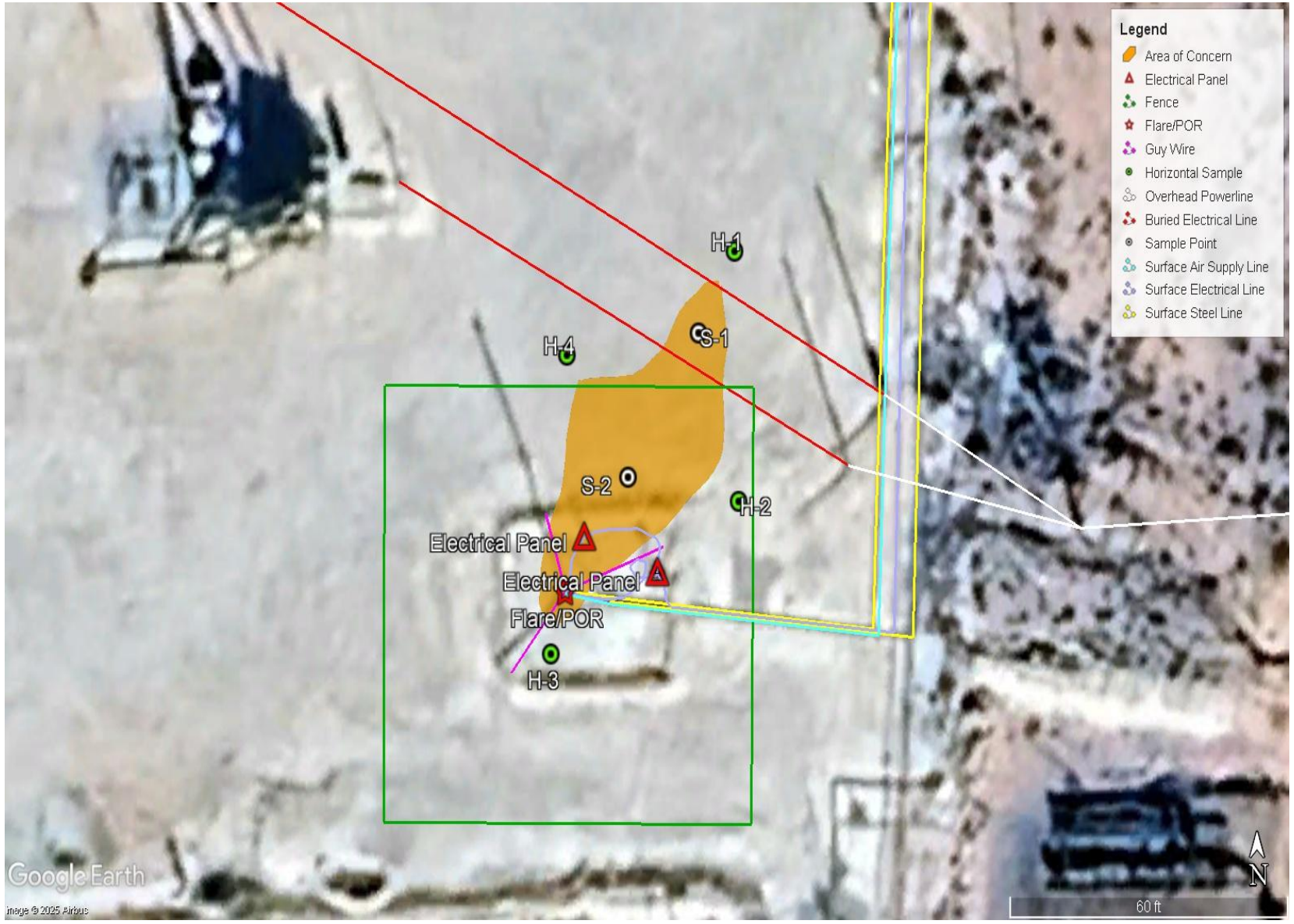
OVERVIEW MAP COG OPERATING, LLC PINTAIL 3 FED RT BATTERY (08.03.2025) LEA COUNTY, NEW MEXICO 32.0657692, -103.6616829	CARMONA RESOURCES	FIGURE 1



TOPOGRAPHIC MAP
COG OPERATING, LLC
PINTAIL 3 FED RT BATTERY (08.03.2025)
LEA COUNTY, NEW MEXICO
32.0657692, -103.6616829

CARMONA RESOURCES

FIGURE 2



SAMPLE LOCATION MAP
COG OPERATING, LLC
PINTAIL 3 FED RT BATTERY (08.03.2025)
LEA COUNTY, NEW MEXICO
32.0657692, -103.6616829

CARMONA RESOURCES

FIGURE 3

EXCAVATION MAP COG OPERATING, LLC PINTAIL 3 FED RT BATTERY (08.03.2025) LEA COUNTY, NEW MEXICO 32.0657692, -103.6616829	CARMONA RESOURCES	FIGURE 4

APPENDIX A

CARMONA RESOURCES

Table 1
Conoco Phillips
Pintail 3 Fed RT Battery (08.03.2025)
Lea County, New Mexico

Sample ID	Date	Depth (in)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/15/2025	0-3	<50.0	**224**	52.5	**277**	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	197
	"	6	<49.8	**200**	59.0	**259**	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	201
S-2	8/15/2025	0-3	<50.0	**194**	64.2	**258**	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	65.1
	"	6	<49.9	**150**	<49.9	**150**	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	51.2
H-1	8/15/2025	0-6	<50.0	<50.0	<50.0	<50.0	0.00208	<0.00200	<0.00200	<0.00399	0.00429	<10.1
H-2	8/15/2025	0-6	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
H-3	8/15/2025	0-6	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-4	8/15/2025	0-6	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed
[A] – Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH - Total Petroleum Hydrocarbons
in - inches
(S) Sample Point
(H) Horizontal Sample

Removed

Table 1
Conoco Phillips
Pintail 3 Fed RT Battery (08.03.2025)
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	9/12/2025	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	112
CS-2	9/12/2025	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	80.2
CS-3	9/12/2025	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	105
CS-4	9/12/2025	1.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	122
CS-5	9/12/2025	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	102
SW-1	9/12/2025	1.5'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.3
SW-2	9/12/2025	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	103
SW-3	9/12/2025	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.9
SW-4	9/12/2025	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	106
SW-5	9/12/2025	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	106
SW-6	9/12/2025	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	109
SW-7	9/12/2025	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	108
BACKFILL	10/3/2025	-	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	84.7
Regulatory Criteria [A]						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

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

APPENDIX B

CARMONA RESOURCES

PHOTOGRAPHIC LOG

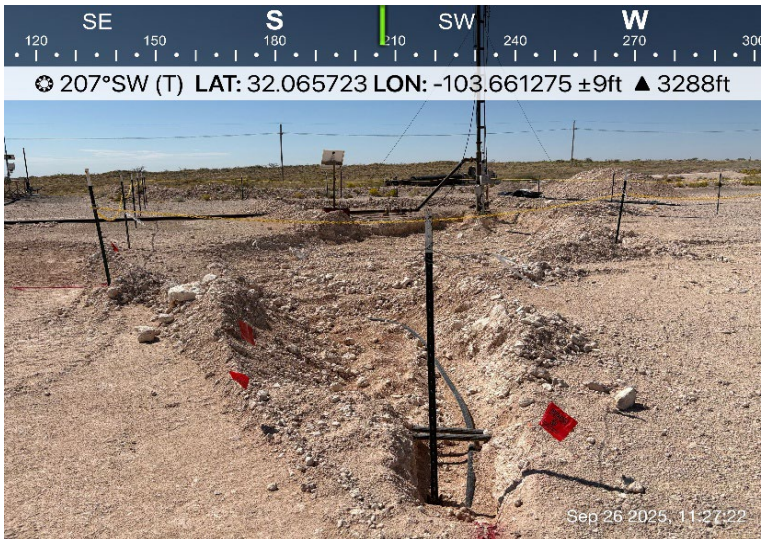
ConocoPhillips

Photograph No. 1

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View Southwest, area of CS-1 through CS-5

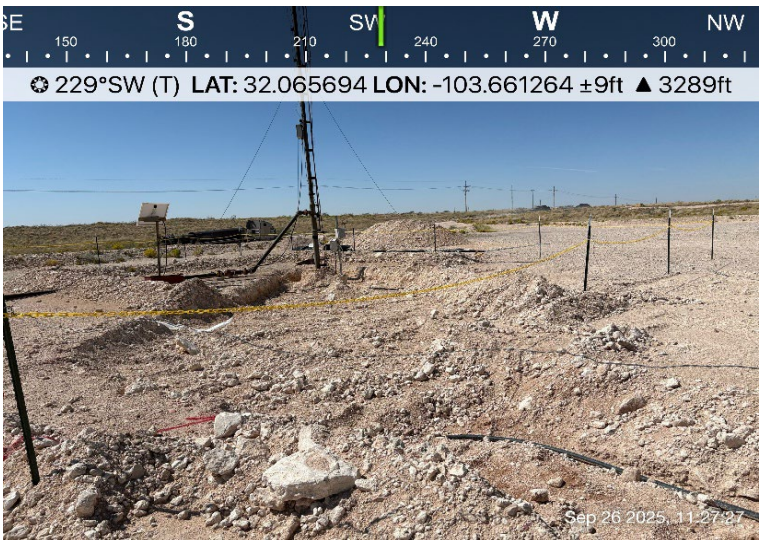


Photograph No. 2

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View Southwest, area of CS-2 through CS-5

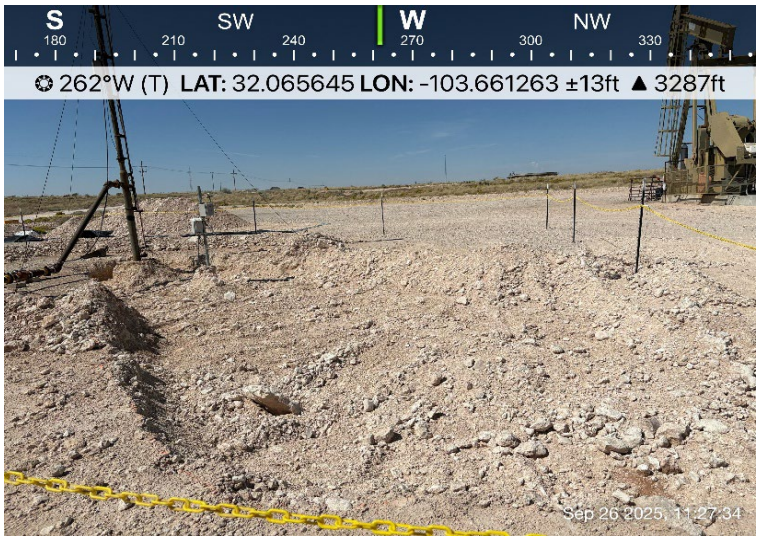


Photograph No. 3

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View West, area of CS-2 through CS-5



CARMONA RESOURCES

PHOTOGRAPHIC LOG

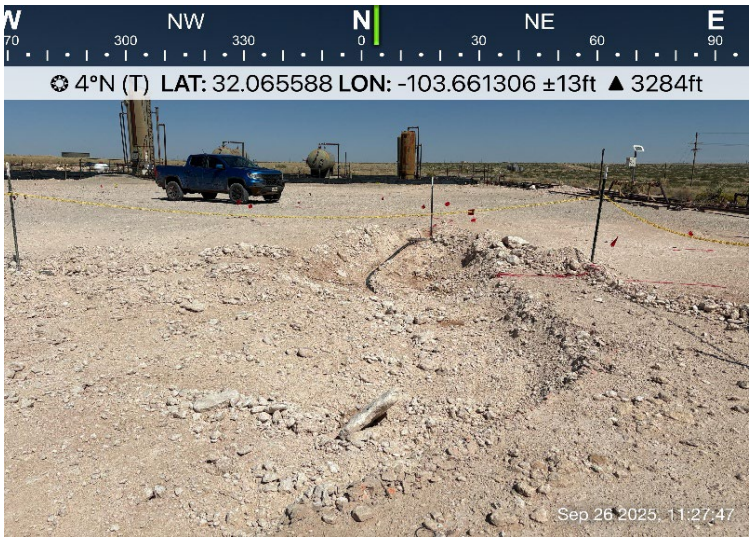
ConocoPhillips

Photograph No. 4

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View North, area of CS-1 through CS-3



Photograph No. 5

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View Northeast, area of CS-1 through CS-4

Photograph No. 6

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View Northwest, area of CS-4 through CS-5

CARMONA RESOURCES

PHOTOGRAPHIC LOG

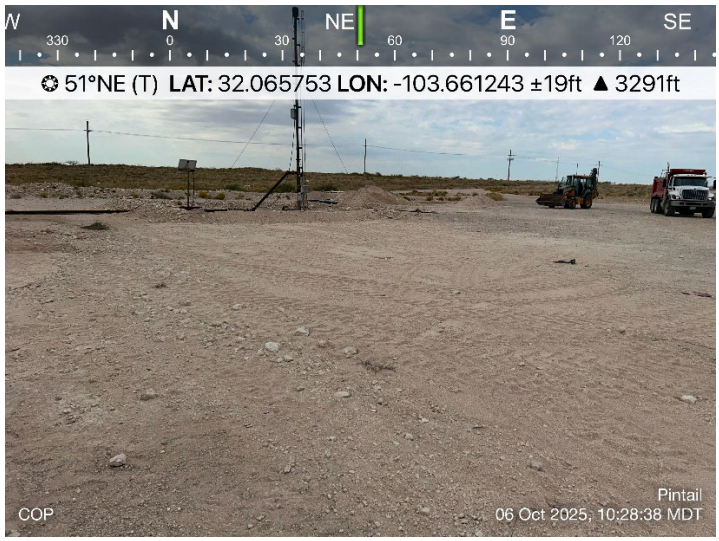
ConocoPhillips

Photograph No. 7

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View Northeast, area of backfill.

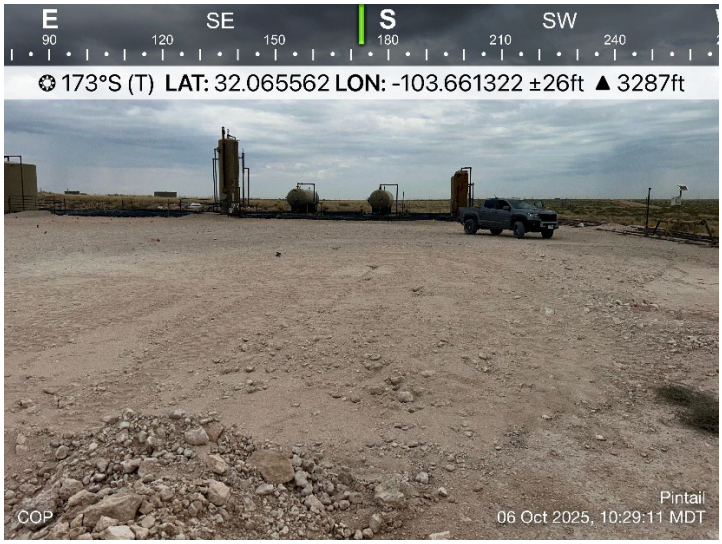


Photograph No. 8

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View South, area of backfill.



Photograph No. 9

Facility: Pintail 3 Fed RT Battery

County: Lea County, New Mexico

Description:
View North, area of backfill.

CARMONA RESOURCES

APPENDIX C

CARMONA RESOURCES

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 491604

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 491604
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source *Please answer all the questions in this group.*	
Site Name	Pintail 3 Fed RT Battery
Date Release Discovered	08/03/2025
Surface Owner	Federal

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

Nature and Volume of Release *Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*	
Crude Oil Released (bbls) Details	Cause: Other | Other (Specify) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	*Not answered.*
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Emergency services were not notified. Release was contained to the facility pad. Facility has been cleared by safety personnel.

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

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 491604
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More volume information must be supplied to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

ACKNOWLEDGMENTS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 491604
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

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

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

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 491604
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jlaird	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	8/4/2025

Spill Calculation - Subsurface Spill - Rectangle								Remediation Recommendation	
Convert Irregular shape into a series of rectangles	Length (ft.)	Width (ft.)	Average Depth (in.)	On/Off Pad (dropdown)	Soil Spilled-Fluid Saturation (%.)	Estimated volume of each area (bbl.)	Total Estimated Volume of Spill (bbl.)	Total Estimated Contaminated Soil, uncompacted, 25% (yd^3.)	Current Rule of Thumb - RMR Handover Volume, (yd^3.)
Rectangle A	4.0	6.0	0.5	On-Pad	10.50%	0.18	0.02	0.05	
Rectangle B	10.0	15.0	0.1	On-Pad	10.50%	0.22	0.02	0.06	
Rectangle C						0.00		0.00	
Rectangle D						0.00		0.00	
Rectangle E						0.00		0.00	750
Rectangle F						0.00		0.00	
Rectangle G						0.00		0.00	
Rectangle H						0.00		0.00	
Rectangle I						0.00		0.00	
						0.00		0.00	
					Total Subsurface Volume Released:		0.0421	0.10	BU

Sante Fe Main Office
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https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 493706
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2521629950**
Incident Name	**NAPP2521629950 PINTAIL 3 FED RT BATTERY @ 0**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Received**
Incident Facility	**[fAPP2203841816] Pintail 3 Fed RT BATT**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Pintail 3 Fed RT Battery
Date Release Discovered	08/03/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other | Other (Specify) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Emergency services were not notified. Release was contained to the facility pad. Facility has been cleared by safety personnel.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 493706
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 08/08/2025

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

QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 493706
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

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

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

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 493706
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Spill Calculations and Initial C-141 are approved. The OCD notes that the application states that this is a major release, however, the spill calculations only report a quantity of 0.04 bbls. This would be considered less than a minor release.	8/8/2025

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 504031

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 504031
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2521629950**
Incident Name	**NAPP2521629950 PINTAIL 3 FED RT BATTERY @ 0**
Incident Type	**Oil Release**
Incident Status	**Initial C-141 Approved**
Incident Facility	**[fAPP2203841816] Pintail 3 Fed RT BATT**

Location of Release Source	
Site Name	**Pintail 3 Fed RT Battery**
Date Release Discovered	**08/03/2025**
Surface Owner	**Federal**

Sampling Event General Information *Please answer all the questions in this group.*	
What is the sampling surface area in square feet	1,000
What is the estimated number of samples that will be gathered	13
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	09/12/2025
Time sampling will commence	09:30 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-813-6823
Please provide any information necessary for navigation to sampling site	32.065598, -103.661347

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 504031
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
jlaird	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.	9/8/2025
jlaird	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.	9/8/2025

APPENDIX D

CARMONA RESOURCES

Nearest Water Well

COG PRODUCTION, LLC

Legend

- 0.31 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Pintail 3 Fed RT Battery (08.03.2025)

105' GWDB - Drilled 2025

Pintail 3 Fed RT Battery (08.03.2025)

Google Earth

Image © 2025 Airbus

3000 ft

N

Medium Karst

COG PRODUCTION, LLC

Legend

- Low
- Medium
- Pintail 3 Fed RT Battery (08.03.2025)

Pintail 3 Fed RT Battery (08.03.2025)

Google Earth

Image © 2025 Airbus

N

3000 ft

New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed) (quarters are smallest to largest) (meters) (In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	627111.4	3548316.9		799	0	0	0
C 04957 POD1		CUB	LE	SW	SW	SE	33	25S	32E	624598.5	3550047.5		2320	70		
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		2731	55		
C 04880 POD1		CUB	LE	SW	SE	SE	14	26S	32E	628447.5	3545287.3		3852	112		

Average Depth to Water: **0 feet**

Minimum Depth: **0 feet**

Maximum Depth: **0 feet**

Record Count: 4

UTM Filters (in meters):

Easting: 626335.00
Northing: 3548509.00
Radius: 4000

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

1. Introduction

GHD Services Inc. (GHD), on behalf of Plains All American (Plains), submits this *Site Characterization, Remediation, and Closure Report* to the State of New Mexico Energy, Minerals and Resource Oil Conservation Division (NMOCD) District I Office. This report provides documentation of Site characterization, assessment activities, and remediation activities in response to the release that occurred at the Plains Red Hills Station (Site). The Site is located in Unit Letter N Section 3 of Township 26 South and Range 32 East in Lea County, New Mexico. The Global Positioning System (GPS) coordinates for the release Site are 32.065494 º N and 103.666772 º W. The property owner where the release occurred is under the management of the New Mexico Bureau of Land Management (BLM). **Figure 1** depicts the Site location. The Site and other details are depicted on **Figure 2**.

2. Background and Regulatory Notification Information

The release is subject to the jurisdiction of the NMOCD District I Office in Hobbs, New Mexico. On October 23, 2023, Notice was given to the NMOCD via an electronic Notification of Release (NOR) submitted to the on-Site portal. A C-141 Release Notification for this release was submitted to the NMOCD on October 23, 2023. Plains estimated approximately 7.7 barrels (bbls) of crude oil were released with no recovery during initial response actions. The NMOCD subsequently assigned Incident Number nAPP2329632113 to the release. The Initial release notification form C-141 is included as Appendix A.

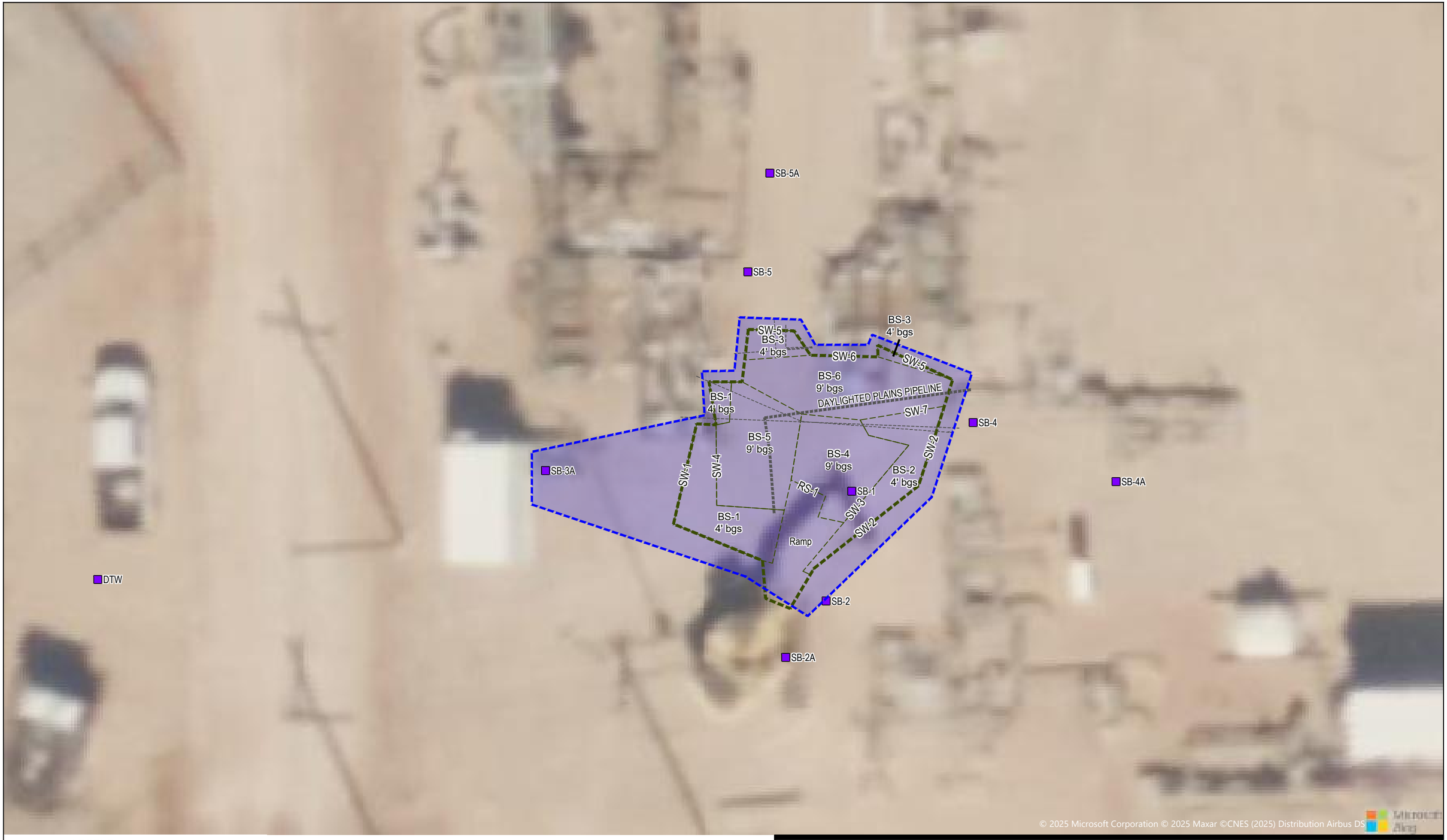
3. Site Characterization and Closure Criteria

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (NMAC 19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are summarized below.

As no groundwater data was available within one-half mile of the Site, a depth to water (DTW) investigation boring was installed at the Site. On March 15, 2024, the boring was advanced to approximately 105 feet below ground surface (bgs) and is approximately 82 feet west of the release located at the following GPS coordinates, 32.065442 º N and 103.667056 º W. The boring was left open for 72 hours and a water level meter was utilized to determine the presence or absence of groundwater; no groundwater was detected in the boring. The boring was later plugged and abandoned by a licensed New Mexico water well driller.

The Site is located within an area of medium karst potential. The nearest fresh water well for livestock watering purposes and an occupied residence is located approximately 3.1 miles west of the Site. Based on information provided by the National Wetland Inventory (NWI) database, a riverine is located approximately 0.73 miles east of the Site.

No other receptors (i.e. water wells, playas, wetlands, waterways, lakebeds, or ordinance boundaries) were located within each regulatory specified distance and/or boundary from the Site. Based on national flood hazard data provided by the Federal Emergency Management Agency (FEMA), the Site is not located in a mapped floodplain. Based upon the State of New Mexico Energy, Minerals, and Natural Resources Department (EMNRD) data, the Site is not



LEGEND

- DEFERMENT AREA
- SOIL BORING LOCATION
- REMEDIAL EXCAVATION
- UNDERGROUND PIPELINE
- UNDERGROUND UTILITIES - ELECTRICAL

NOTE:

1. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.

0 6 12 ft

Coordinate System:
NAD 1983 (2011) StatePlane-
New Mexico East (US Feet)

N

GHD

PLAINS ALL AMERICAN PIPELINE, L.P.
LEA COUNTY, NEW MEXICO
RED HILLS STATION RELEASE - SRS# 2023-076

Project No. **12626654**
Date **March 2025**

DEFERMENT AREA

FIGURE 3

Filename: \\ghdnet\ghd\US\Houston\Projects\562\12626654\Digital_Design\ACAD\Figures\RPT002\12626654-GHD-00-00-RPT-EN-D101_DL-002.dwg
Plot Date: 13 March 2025 10:26 AM

Source: Microsoft Product Screen Shot(s) Reprinted with permission from Microsoft Corporation, Accessed: 2023
Lat/Long: 32.06577502° North, 103.6659723° West

STRATIGRAPHIC LOG (OVERBURDEN)

PROJECT NAME: Red Hills Station Release - SRS# 2023-076
HOLE DESIGNATION: DTW
PROJECT NUMBER: 12626654
DATE COMPLETED: 15 March 2024
CLIENT: Plains
DRILLING METHOD: Air Rotary
LOCATION: Lea County
FIELD PERSONNEL: Mitchell Clemens
DRILLING CONTRACTOR: Talon
DRILLER: Jesse

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	SAMPLE 'N' Value
0	Brown-red TOPSOIL, very fine SILTY SAND, loose to medium consolidations					
5	SM-SILTY SAND, light yellow orange, very fine grained, loose to hard consolidations, thin layer of well cemented sandstone	5.00				
10	- medium to hard consolidated, hard layers of caliche from 10.00 to 20.00ft BGS					
15	color changes to dull orange	15.00				
20	- dull orange, small fragments of pebbles, some limestone and sandstones from 20.00 to 35.00ft BGS					
35	- presence of limestone and sandstone (5-15mm) from 35.00 to 55.00ft BGS					

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

File: N:\US\HOUSTON\PROJECTS\562\12626654\TECH\GINT\LOG DATABASE\12626654-RED HILLS STN RELEASE.GPJ Library File: GHD_ENVIRO_V11.GLB Report: OVERBURDEN LOG Date: 11/3/25

STRATIGRAPHIC LOG (OVERBURDEN)

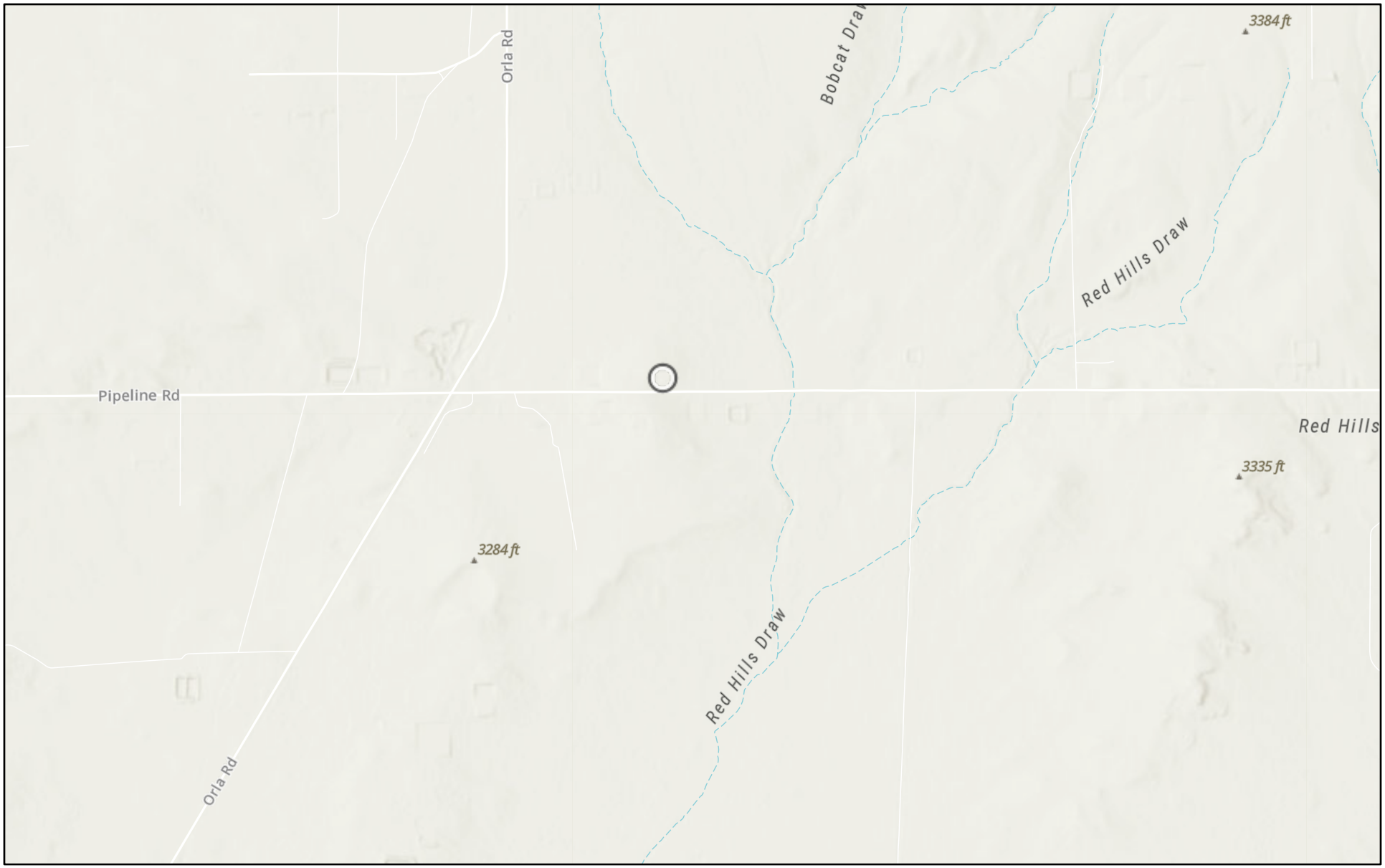
PROJECT NAME: Red Hills Station Release - SRS# 2023-076
HOLE DESIGNATION: DTW
PROJECT NUMBER: 12626654
DATE COMPLETED: 15 March 2024
CLIENT: Plains
DRILLING METHOD: Air Rotary
LOCATION: Lea County
FIELD PERSONNEL: Mitchell Clemens
DRILLING CONTRACTOR: Talon
DRILLER: Jesse

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH BGS	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (ft)	SAMPLE 'N' Value
52						
54						
56						
58						
60	- yellow grey orange, almost no pebbles presence from 60.00 to 70.00ft BGS					
62						
64						
66						
68						
70	dull orange, thin layers of well cemented sandstone and limestone	70.00				
72						
74	- encountered presence of 5-15 mm limestone pebbles from 75.00 to 85.00ft BGS					
76						
78						
80						
82						
84	- light brownish grey, loose consolidation from 85.00 to 100.00ft BGS					
86						
88						
90						
92						
94						
96						
98						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

File: N:\US\HOUSTON\PROJECTS\562\12626654\TECH\GINT\LOG DATABASE\12626654-RED HILLS STN RELEASE.GPJ Library File: GHD_ENVIRO_V11.GLB Report: OVERBURDEN LOG Date: 11/3/25

Pintail 3 Fed RT Battery (08.03.2025)



8/6/2025

World_Hillshade

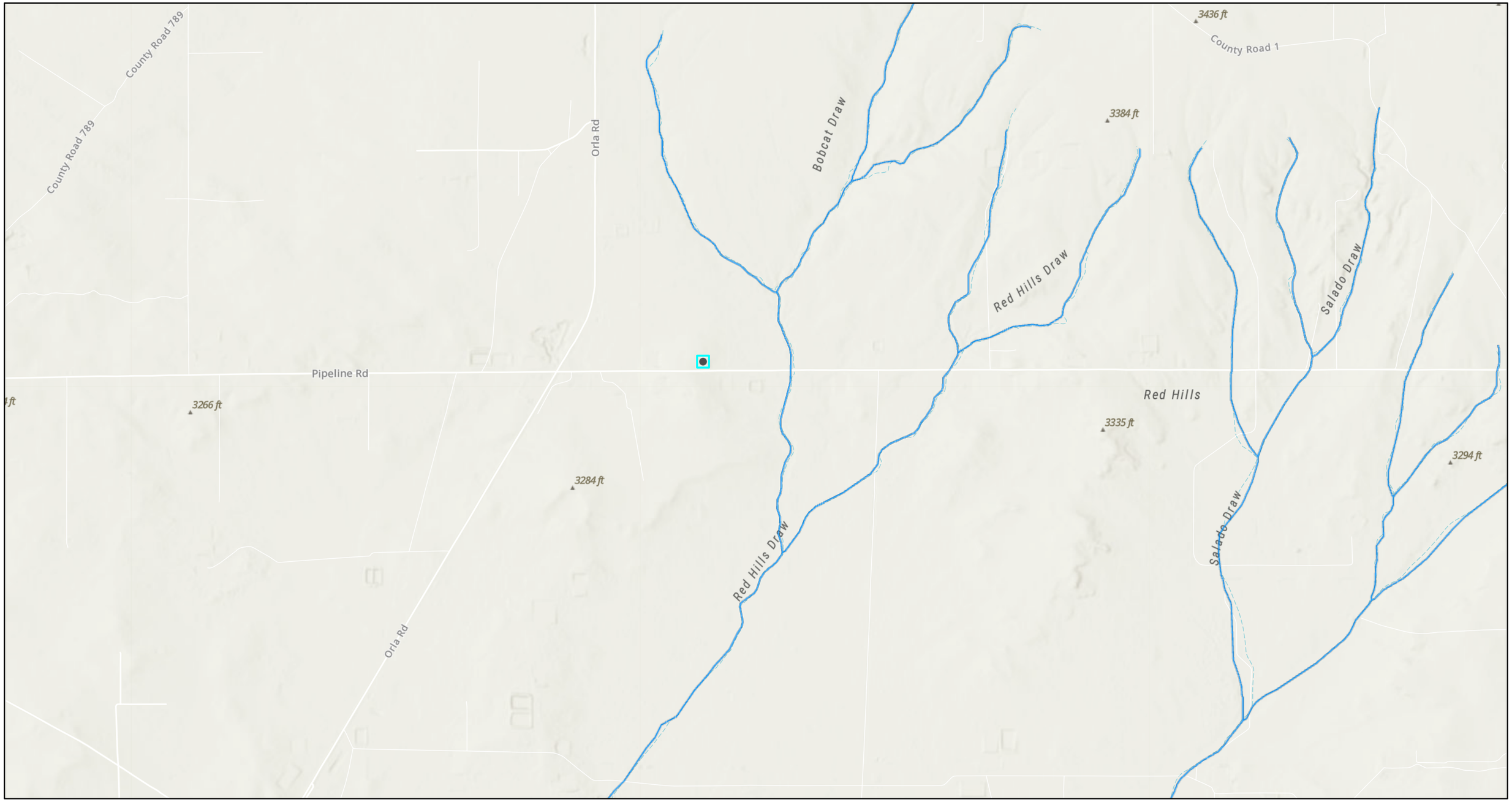
1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

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

Pintail 3 Fed RT Battery (08.03.2025)



8/6/2025, 7:10:15 PM

OSE Streams

1:36,112

0 0.38 0.75 1.5 mi

0 0.5 1 2 km

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

APPENDIX E

CARMONA RESOURCES

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/25/2025 1:43:21 PM

JOB DESCRIPTION

Pintail 3 Fed RT Battery (08.03.25)
2831

JOB NUMBER

880-61654-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
8/25/2025 1:43:21 PM

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

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Laboratory Job ID: 880-61654-1
SDG: 2831

Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 880-61654-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25) SDG: 2831

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 880-61654-1
Project: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1 Eurofins Midland

Job Narrative
880-61654-1

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

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

Receipt
The samples were received on 8/19/2025 11:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117176 and analytical batch 880-117424 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.

Diesel Range Organics
Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-117010 and analytical batch 880-117278 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

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

Lab Sample ID: 880-61654-1
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/20/25 15:32	08/24/25 00:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/20/25 15:32	08/24/25 00:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/20/25 15:32	08/24/25 00:29	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		08/20/25 15:32	08/24/25 00:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/20/25 15:32	08/24/25 00:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/20/25 15:32	08/24/25 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/20/25 15:32*	*08/24/25 00:29*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*08/20/25 15:32*	*08/24/25 00:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/24/25 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**277**		50.0		mg/Kg			08/21/25 16:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 16:29	1
Diesel Range Organics (Over C10-C28)	**224**		50.0		mg/Kg		08/19/25 06:56	08/21/25 16:29	1
Oil Range Organics (Over C28-C36)	**52.5**		50.0		mg/Kg		08/19/25 06:56	08/21/25 16:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*08/19/25 06:56*	*08/21/25 16:29*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*08/19/25 06:56*	*08/21/25 16:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**197**		10.1		mg/Kg			08/20/25 01:47	1

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

Lab Sample ID: 880-61654-2
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 00:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 00:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 00:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 15:32	08/24/25 00:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 00:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 15:32	08/24/25 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/20/25 15:32*	*08/24/25 00:49*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*08/20/25 15:32*	*08/24/25 00:49*	*1*

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Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

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

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61654-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/24/25 00:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**259**		49.8		mg/Kg			08/21/25 16:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 16:50	1
Diesel Range Organics (Over C10-C28)	**200**		49.8		mg/Kg		08/19/25 06:56	08/21/25 16:50	1
Oil Range Organics (Over C28-C36)	**59.0**		49.8		mg/Kg		08/19/25 06:56	08/21/25 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*08/19/25 06:56*	*08/21/25 16:50*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*08/19/25 06:56*	*08/21/25 16:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**201**		10.0		mg/Kg			08/20/25 02:04	1

Client Sample ID: S-2 (0-3")

Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Lab Sample ID: 880-61654-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 01:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 01:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 01:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/20/25 15:32	08/24/25 01:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 01:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/25 15:32	08/24/25 01:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*08/20/25 15:32*	*08/24/25 01:10*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/20/25 15:32*	*08/24/25 01:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/24/25 01:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**258**		50.0		mg/Kg			08/21/25 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 17:31	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-61654-3
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**194**		50.0		mg/Kg		08/19/25 06:56	08/21/25 17:31	1
Oil Range Organics (Over C28-C36)	**64.2**		50.0		mg/Kg		08/19/25 06:56	08/21/25 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*08/19/25 06:56*	*08/21/25 17:31*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*08/19/25 06:56*	*08/21/25 17:31*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**65.1**		10.1		mg/Kg			08/20/25 02:10	1

Client Sample ID: S-2 (0-6")

Lab Sample ID: 880-61654-4
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/20/25 15:32	08/24/25 01:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/20/25 15:32	08/24/25 01:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/20/25 15:32	08/24/25 01:30	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		08/20/25 15:32	08/24/25 01:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/20/25 15:32	08/24/25 01:30	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/20/25 15:32	08/24/25 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*08/20/25 15:32*	*08/24/25 01:30*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/20/25 15:32*	*08/24/25 01:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/24/25 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**150**		49.9		mg/Kg			08/21/25 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 17:52	1
Diesel Range Organics (Over C10-C28)	**150**		49.9		mg/Kg		08/19/25 06:56	08/21/25 17:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*08/19/25 06:56*	*08/21/25 17:52*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*08/19/25 06:56*	*08/21/25 17:52*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.2**		10.0		mg/Kg			08/20/25 02:15	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

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)
880-61654-1	S-1 (0-3")	111	90
880-61654-2	S-1 (0-6")	104	92
880-61654-3	S-2 (0-3")	111	89
880-61654-4	S-2 (0-6")	113	87
880-61656-A-21-C MS	Matrix Spike	111	94
880-61656-A-21-D MSD	Matrix Spike Duplicate	113	98
LCS 880-117176/1-A	Lab Control Sample	108	94
LCSD 880-117176/2-A	Lab Control Sample Dup	114	95
MB 880-117176/5-A	Method Blank	112	83

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-61654-1	S-1 (0-3")	94	91
880-61654-2	S-1 (0-6")	90	93
880-61654-3	S-2 (0-3")	92	96
880-61654-4	S-2 (0-6")	90	88
890-8639-A-1-B MS	Matrix Spike	91	84
890-8639-A-1-C MSD	Matrix Spike Duplicate	104	90
LCS 880-117010/2-A	Lab Control Sample	110	98
MB 880-117010/1-A	Method Blank	94	92

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (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		
LCSD 880-117010/3-A	Lab Control Sample Dup		

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117176/5-A
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/25 15:32	08/23/25 22:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/20/25 15:32*	*08/23/25 22:45*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*08/20/25 15:32*	*08/23/25 22:45*	*1*

Lab Sample ID: LCS 880-117176/1-A
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09790		mg/Kg		98	70 - 130
Toluene	0.100	0.08934		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m,p-Xylenes	0.200	0.1995		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09850		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-117176/2-A
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09797		mg/Kg		98	70 - 130	0	35
Toluene	0.100	0.09055		mg/Kg		91	70 - 130	1	35
Ethylbenzene	0.100	0.1042		mg/Kg		104	70 - 130	3	35
m,p-Xylenes	0.200	0.2064		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-61656-A-21-C MS
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06886	F1	mg/Kg		69	70 - 130
Toluene	<0.00200	U F1	0.100	0.05690	F1	mg/Kg		57	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

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

Lab Sample ID: 880-61656-A-21-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117424 — **Prep Batch: 117176**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.05217	F1	mg/Kg		52	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1005	F1	mg/Kg		50	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04740	F1	mg/Kg		47	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-61656-A-21-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117424 — **Prep Batch: 117176**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.08747		mg/Kg		87	70 - 130	24	35
Toluene	<0.00200	U F1	0.100	0.06668	F1	mg/Kg		67	70 - 130	16	35
Ethylbenzene	<0.00200	U F1	0.100	0.06288	F1	mg/Kg		63	70 - 130	19	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1182	F1	mg/Kg		59	70 - 130	16	35
o-Xylene	<0.00200	U F1	0.100	0.05505	F1	mg/Kg		55	70 - 130	15	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-117010/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117278 — **Prep Batch: 117010**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*08/19/25 06:56*	*08/21/25 10:40*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*08/19/25 06:56*	*08/21/25 10:40*	*1*

Lab Sample ID: LCS 880-117010/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117278 — **Prep Batch: 117010**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.8		mg/Kg		99	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

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

Lab Sample ID: LCS 880-117010/2-A
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117010

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-117010/3-A
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117010

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	932.4		mg/Kg					
Diesel Range Organics (Over C10-C28)			1000	943.9		mg/Kg					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)			
o-Terphenyl (Surr)			

Lab Sample ID: 890-8639-A-1-B MS
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	927.4		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	673.3	F1	mg/Kg		66	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 890-8639-A-1-C MSD
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 117010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1003		mg/Kg		98	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	759.7		mg/Kg		74	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	90		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117062/1-A
Matrix: Solid
Analysis Batch: 117072

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/20/25 01:30	1

Lab Sample ID: LCS 880-117062/2-A
Matrix: Solid
Analysis Batch: 117072

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	237.3		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-117062/3-A
Matrix: Solid
Analysis Batch: 117072

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	237.2		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-61654-1 MS
Matrix: Solid
Analysis Batch: 117072

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	197		252	444.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-61654-1 MSD
Matrix: Solid
Analysis Batch: 117072

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	197		252	445.0		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

GC VOA

Prep Batch: 117176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Total/NA	Solid	5035	
880-61654-2	S-1 (0-6")	Total/NA	Solid	5035	
880-61654-3	S-2 (0-3")	Total/NA	Solid	5035	
880-61654-4	S-2 (0-6")	Total/NA	Solid	5035	
MB 880-117176/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117176/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117176/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61656-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-61656-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 117424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Total/NA	Solid	8021B	117176
880-61654-2	S-1 (0-6")	Total/NA	Solid	8021B	117176
880-61654-3	S-2 (0-3")	Total/NA	Solid	8021B	117176
880-61654-4	S-2 (0-6")	Total/NA	Solid	8021B	117176
MB 880-117176/5-A	Method Blank	Total/NA	Solid	8021B	117176
LCS 880-117176/1-A	Lab Control Sample	Total/NA	Solid	8021B	117176
LCSD 880-117176/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117176
880-61656-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	117176
880-61656-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	117176

Analysis Batch: 117507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-61654-2	S-1 (0-6")	Total/NA	Solid	Total BTEX	
880-61654-3	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-61654-4	S-2 (0-6")	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 117010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	
880-61654-2	S-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-61654-3	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-61654-4	S-2 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-117010/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117010/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8639-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8639-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Total/NA	Solid	8015B NM	117010
880-61654-2	S-1 (0-6")	Total/NA	Solid	8015B NM	117010
880-61654-3	S-2 (0-3")	Total/NA	Solid	8015B NM	117010
880-61654-4	S-2 (0-6")	Total/NA	Solid	8015B NM	117010
MB 880-117010/1-A	Method Blank	Total/NA	Solid	8015B NM	117010
LCS 880-117010/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117010

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

GC Semi VOA (Continued)

Analysis Batch: 117278 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-117010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117010
890-8639-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	117010
890-8639-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117010

Analysis Batch: 117353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-61654-2	S-1 (0-6")	Total/NA	Solid	8015 NM	
880-61654-3	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-61654-4	S-2 (0-6")	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-61654-2	S-1 (0-6")	Soluble	Solid	DI Leach	
880-61654-3	S-2 (0-3")	Soluble	Solid	DI Leach	
880-61654-4	S-2 (0-6")	Soluble	Solid	DI Leach	
MB 880-117062/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117062/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117062/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61654-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-61654-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	

Analysis Batch: 117072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61654-1	S-1 (0-3")	Soluble	Solid	300.0	117062
880-61654-2	S-1 (0-6")	Soluble	Solid	300.0	117062
880-61654-3	S-2 (0-3")	Soluble	Solid	300.0	117062
880-61654-4	S-2 (0-6")	Soluble	Solid	300.0	117062
MB 880-117062/1-A	Method Blank	Soluble	Solid	300.0	117062
LCS 880-117062/2-A	Lab Control Sample	Soluble	Solid	300.0	117062
LCSD 880-117062/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117062
880-61654-1 MS	S-1 (0-3")	Soluble	Solid	300.0	117062
880-61654-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	117062

Lab Chronicle

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

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

Lab Sample ID: 880-61654-1
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 00:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117507	08/24/25 00:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			117353	08/21/25 16:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 16:29	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 01:47	SMC	EET MID

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

Lab Sample ID: 880-61654-2
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 00:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117507	08/24/25 00:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			117353	08/21/25 16:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 16:50	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:04	SMC	EET MID

Client Sample ID: S-2 (0-3")

Lab Sample ID: 880-61654-3
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 01:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117507	08/24/25 01:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			117353	08/21/25 17:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 17:31	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:10	SMC	EET MID

Client Sample ID: S-2 (0-6")

Lab Sample ID: 880-61654-4
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 01:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117507	08/24/25 01:30	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Job ID: 880-61654-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Client Sample ID: S-2 (0-6")
Lab Sample ID: 880-61654-4

Date Collected: 08/15/25 00:00
Matrix: Solid

Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117353	08/21/25 17:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 17:52	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:15	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-61654-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Job ID: 880-61654-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

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: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61654-1
SDG: 2831

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61654-1	S-1 (0-3")	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61654-2	S-1 (0-6")	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61654-3	S-2 (0-3")	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61654-4	S-2 (0-6")	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico

Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Pintail 3 Fed RT Battery (08.03.25)	Turn Around	
Project Number:	2831	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	0
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.1
Total Containers:	6	Corrected Temperature:	4.0

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
S-1 (0-3")	8/15/2025		X		G	1	X	X	X	
S-1 (0-6")	8/15/2025		X		G	1	X	X	X	
S-2 (0-3")	8/15/2025		X		G	1	X	X	X	
S-2 (0-6")	8/15/2025		X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/19/25 1140		8/19/25 1140

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61654-1
SDG Number: 2831

Login Number: 61654
List Number: 1
Creator: Lee, Randall

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/25/2025 1:43:21 PM

JOB DESCRIPTION

Pintail 3 Fed RT Battery (08.03.25)
2831

JOB NUMBER

880-61655-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
8/25/2025 1:43:21 PM

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

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Laboratory Job ID: 880-61655-1
SDG: 2831

Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 880-61655-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25) SDG: 2831

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 880-61655-1
Project: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1 Eurofins Midland

Job Narrative
880-61655-1

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

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

Receipt
The samples were received on 8/19/2025 11:40 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.0°C.

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-61655-1), H-2 (0-0.5') (880-61655-2), H-3 (0-0.5') (880-61655-3) and H-4 (0-0.5') (880-61655-4).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-117176 and analytical batch 880-117424 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.

Diesel Range Organics
Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-117010 and analytical batch 880-117278 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

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

Lab Sample ID: 880-61655-1
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00208**		0.00200		mg/Kg		08/20/25 15:32	08/24/25 01:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/24/25 01:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/24/25 01:51	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		08/20/25 15:32	08/24/25 01:51	1
o-Xylene	**0.00221**		0.00200		mg/Kg		08/20/25 15:32	08/24/25 01:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/20/25 15:32	08/24/25 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*08/20/25 15:32*	*08/24/25 01:51*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*08/20/25 15:32*	*08/24/25 01:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00429**		0.00399		mg/Kg			08/24/25 01:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/25 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 18:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 18:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*08/19/25 06:56*	*08/21/25 18:12*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*08/19/25 06:56*	*08/21/25 18:12*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/20/25 02:21	1

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

Lab Sample ID: 880-61655-2
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 02:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 02:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 02:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 15:32	08/24/25 02:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 02:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 15:32	08/24/25 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*08/20/25 15:32*	*08/24/25 02:11*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*08/20/25 15:32*	*08/24/25 02:11*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

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

Lab Sample ID: 880-61655-2
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/24/25 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/21/25 18:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 18:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 18:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/19/25 06:56	08/21/25 18:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*08/19/25 06:56*	*08/21/25 18:33*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*08/19/25 06:56*	*08/21/25 18:33*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/20/25 02:38	1

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

Lab Sample ID: 880-61655-3
Matrix: Solid
Date Collected: 08/15/25 00:00
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 03:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 03:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 03:45	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		08/20/25 15:32	08/24/25 03:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/20/25 15:32	08/24/25 03:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/20/25 15:32	08/24/25 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*08/20/25 15:32*	*08/24/25 03:45*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*08/20/25 15:32*	*08/24/25 03:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/24/25 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/25 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 18:53	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

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

Lab Sample ID: 880-61655-3
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*08/19/25 06:56*	*08/21/25 18:53*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*08/19/25 06:56*	*08/21/25 18:53*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1		mg/Kg			08/20/25 02:44	1

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

Lab Sample ID: 880-61655-4
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 04:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 04:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 04:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		08/20/25 15:32	08/24/25 04:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/20/25 15:32	08/24/25 04:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/20/25 15:32	08/24/25 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*08/20/25 15:32*	*08/24/25 04:05*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/20/25 15:32*	*08/24/25 04:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/24/25 04:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/21/25 19:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 19:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 19:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/19/25 06:56	08/21/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*08/19/25 06:56*	*08/21/25 19:14*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*08/19/25 06:56*	*08/21/25 19:14*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			08/20/25 02:49	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

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)
880-61655-1	H-1 (0-0.5')	97	85
880-61655-2	H-2 (0-0.5')	116	92
880-61655-3	H-3 (0-0.5')	108	87
880-61655-4	H-4 (0-0.5')	115	89
880-61656-A-21-C MS	Matrix Spike	111	94
880-61656-A-21-D MSD	Matrix Spike Duplicate	113	98
LCS 880-117176/1-A	Lab Control Sample	108	94
LCSD 880-117176/2-A	Lab Control Sample Dup	114	95
MB 880-117176/5-A	Method Blank	112	83

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-61655-1	H-1 (0-0.5')	92	95
880-61655-2	H-2 (0-0.5')	90	89
880-61655-3	H-3 (0-0.5')	102	95
880-61655-4	H-4 (0-0.5')	73	73
890-8639-A-1-B MS	Matrix Spike	91	84
890-8639-A-1-C MSD	Matrix Spike Duplicate	104	90
LCS 880-117010/2-A	Lab Control Sample	110	98
MB 880-117010/1-A	Method Blank	94	92

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (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		
LCSD 880-117010/3-A	Lab Control Sample Dup		

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-117176/5-A
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 117176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/20/25 15:32	08/23/25 22:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/20/25 15:32	08/23/25 22:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*08/20/25 15:32*	*08/23/25 22:45*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*08/20/25 15:32*	*08/23/25 22:45*	*1*

Lab Sample ID: LCS 880-117176/1-A
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09790		mg/Kg		98	70 - 130
Toluene	0.100	0.08934		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1012		mg/Kg		101	70 - 130
m,p-Xylenes	0.200	0.1995		mg/Kg		100	70 - 130
o-Xylene	0.100	0.09850		mg/Kg		98	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-117176/2-A
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117176

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09797		mg/Kg		98	70 - 130	0	35
Toluene	0.100	0.09055		mg/Kg		91	70 - 130	1	35
Ethylbenzene	0.100	0.1042		mg/Kg		104	70 - 130	3	35
m,p-Xylenes	0.200	0.2064		mg/Kg		103	70 - 130	3	35
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-61656-A-21-C MS
Matrix: Solid
Analysis Batch: 117424

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06886	F1	mg/Kg		69	70 - 130
Toluene	<0.00200	U F1	0.100	0.05690	F1	mg/Kg		57	70 - 130

QC Sample Results

Client: Carmona Resources
Job ID: 880-61655-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

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

Lab Sample ID: 880-61656-A-21-C MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117424 — **Prep Batch: 117176**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.05217	F1	mg/Kg		52	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1005	F1	mg/Kg		50	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04740	F1	mg/Kg		47	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-61656-A-21-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117424 — **Prep Batch: 117176**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.08747		mg/Kg		87	70 - 130	24	35
Toluene	<0.00200	U F1	0.100	0.06668	F1	mg/Kg		67	70 - 130	16	35
Ethylbenzene	<0.00200	U F1	0.100	0.06288	F1	mg/Kg		63	70 - 130	19	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1182	F1	mg/Kg		59	70 - 130	16	35
o-Xylene	<0.00200	U F1	0.100	0.05505	F1	mg/Kg		55	70 - 130	15	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

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

Lab Sample ID: MB 880-117010/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117278 — **Prep Batch: 117010**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/19/25 06:56	08/21/25 10:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*08/19/25 06:56*	*08/21/25 10:40*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*08/19/25 06:56*	*08/21/25 10:40*	*1*

Lab Sample ID: LCS 880-117010/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 117278 — **Prep Batch: 117010**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1052		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	988.8		mg/Kg		99	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

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

Lab Sample ID: LCS 880-117010/2-A
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 117010

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-117010/3-A
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 117010

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	932.4		mg/Kg					
Diesel Range Organics (Over C10-C28)			1000	943.9		mg/Kg					

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)			
o-Terphenyl (Surr)			

Lab Sample ID: 890-8639-A-1-B MS
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 117010

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	927.4		mg/Kg		91	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	673.3	F1	mg/Kg		66	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 890-8639-A-1-C MSD
Matrix: Solid
Analysis Batch: 117278

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 117010

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1003		mg/Kg		98	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	998	759.7		mg/Kg		74	70 - 130	12	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	90		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-117062/1-A
Matrix: Solid
Analysis Batch: 117072

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			08/20/25 01:30	1

Lab Sample ID: LCS 880-117062/2-A
Matrix: Solid
Analysis Batch: 117072

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	237.3		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-117062/3-A
Matrix: Solid
Analysis Batch: 117072

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	237.2		mg/Kg		95	90 - 110	0	20

Lab Sample ID: 880-61654-A-1-C MS
Matrix: Solid
Analysis Batch: 117072

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	197		252	444.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-61654-A-1-D MSD
Matrix: Solid
Analysis Batch: 117072

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	197		252	445.0		mg/Kg		99	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

GC VOA

Prep Batch: 117176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-61655-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-61655-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-61655-4	H-4 (0-0.5')	Total/NA	Solid	5035	
MB 880-117176/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-117176/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-117176/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-61656-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-61656-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 117424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Total/NA	Solid	8021B	117176
880-61655-2	H-2 (0-0.5')	Total/NA	Solid	8021B	117176
880-61655-3	H-3 (0-0.5')	Total/NA	Solid	8021B	117176
880-61655-4	H-4 (0-0.5')	Total/NA	Solid	8021B	117176
MB 880-117176/5-A	Method Blank	Total/NA	Solid	8021B	117176
LCS 880-117176/1-A	Lab Control Sample	Total/NA	Solid	8021B	117176
LCSD 880-117176/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	117176
880-61656-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	117176
880-61656-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	117176

Analysis Batch: 117508

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-61655-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-61655-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-61655-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 117010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61655-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61655-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-61655-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-117010/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-117010/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-117010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8639-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8639-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 117278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	117010
880-61655-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	117010
880-61655-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	117010
880-61655-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	117010
MB 880-117010/1-A	Method Blank	Total/NA	Solid	8015B NM	117010
LCS 880-117010/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	117010

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

GC Semi VOA (Continued)

Analysis Batch: 117278 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-117010/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	117010
890-8639-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	117010
890-8639-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	117010

Analysis Batch: 117354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-61655-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-61655-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-61655-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 117062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-61655-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-61655-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-61655-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-117062/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-117062/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-117062/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-61654-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-61654-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 117072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-61655-1	H-1 (0-0.5')	Soluble	Solid	300.0	117062
880-61655-2	H-2 (0-0.5')	Soluble	Solid	300.0	117062
880-61655-3	H-3 (0-0.5')	Soluble	Solid	300.0	117062
880-61655-4	H-4 (0-0.5')	Soluble	Solid	300.0	117062
MB 880-117062/1-A	Method Blank	Soluble	Solid	300.0	117062
LCS 880-117062/2-A	Lab Control Sample	Soluble	Solid	300.0	117062
LCSD 880-117062/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	117062
880-61654-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	117062
880-61654-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	117062

Lab Chronicle

Client: Carmona Resources
Job ID: 880-61655-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Client Sample ID: H-1 (0-0.5')
Lab Sample ID: 880-61655-1
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 01:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117508	08/24/25 01:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			117354	08/21/25 18:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 18:12	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:21	SMC	EET MID

Client Sample ID: H-2 (0-0.5')
Lab Sample ID: 880-61655-2
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 02:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117508	08/24/25 02:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			117354	08/21/25 18:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 18:33	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:38	SMC	EET MID

Client Sample ID: H-3 (0-0.5')
Lab Sample ID: 880-61655-3
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 03:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117508	08/24/25 03:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			117354	08/21/25 18:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 18:53	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:44	SMC	EET MID

Client Sample ID: H-4 (0-0.5')
Lab Sample ID: 880-61655-4
Date Collected: 08/15/25 00:00
Matrix: Solid
Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	117176	08/20/25 15:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	117424	08/24/25 04:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			117508	08/24/25 04:05	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Job ID: 880-61655-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Client Sample ID: H-4 (0-0.5')
Lab Sample ID: 880-61655-4

Date Collected: 08/15/25 00:00
Matrix: Solid

Date Received: 08/19/25 11:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			117354	08/21/25 19:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	117010	08/19/25 06:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	117278	08/21/25 19:14	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	117062	08/19/25 14:01	SA	EET MID
Soluble	Analysis	300.0		1			117072	08/20/25 02:49	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-61655-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Job ID: 880-61655-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

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: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-61655-1
SDG: 2831

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-61655-1	H-1 (0-0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61655-2	H-2 (0-0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61655-3	H-3 (0-0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico
880-61655-4	H-4 (0-0.5')	Solid	08/15/25 00:00	08/19/25 11:40	New Mexico

Chain of Custody

880-61655 Chain of Custody

Work Order No:

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Pintail 3 Fed RT Battery (08.03.25)	Turn Around	☑ Routine ☐ Rush
Project Number:	2831	Due Date:	
Project Location	Lea County, New Mexico		
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4.1
Total Containers:		Corrected Temperature:	4.0

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
H-1 (0-0.5')	8/15/2025		X		G	1	X	X	X	
H-2 (0-0.5')	8/15/2025		X		G	1	X	X	X	
H-3 (0-0.5')	8/15/2025		X		G	1	X	X	X	
H-4 (0-0.5')	8/15/2025		X		G	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	8/14/25 1140		8/19/25 1146

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-61655-1
SDG Number: 2831

Login Number: 61655
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 9/23/2025 11:13:01 AM

JOB DESCRIPTION

Pintail 3 Fed RT Battery (08.03.25)
2831

JOB NUMBER

880-62677-1

Eurofins Midland
1211 W. Florida Ave
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See page two for job notes and contact information.

Eurofins Midland

Job Notes

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

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

Authorization

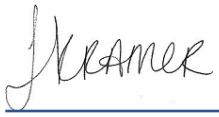

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Table of Contents

Definitions/Glossary

Client: Carmona Resources Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25) SDG: 2831

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 880-62677-1
Project: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1 Eurofins Midland

Job Narrative
880-62677-1

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

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

Receipt
The samples were received on 9/16/2025 12:25 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.

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: (LCSD 880-119075/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-119194 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-119194/85).

Passing CCV within 12 hours and 10 samples before and after.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-119075 and analytical batch 880-119194 was outside the upper control limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-62677-1
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 00:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 00:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 00:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/17/25 09:06	09/18/25 00:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 00:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/25 09:06	09/18/25 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*09/17/25 09:06*	*09/18/25 00:05*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*09/17/25 09:06*	*09/18/25 00:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/18/25 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/22/25 14:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/18/25 07:42	09/22/25 14:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/18/25 07:42	09/22/25 14:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/18/25 07:42	09/22/25 14:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/18/25 07:42*	*09/22/25 14:44*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*09/18/25 07:42*	*09/22/25 14:44*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		10.0		mg/Kg			09/17/25 23:57	1

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-62677-2
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 00:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 00:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/17/25 09:06*	*09/18/25 00:26*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*09/17/25 09:06*	*09/18/25 00:26*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-62677-2
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/18/25 00:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/22/25 15:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 15:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 15:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*09/18/25 07:42*	*09/22/25 15:00*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/18/25 07:42*	*09/22/25 15:00*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.2**		10.0		mg/Kg			09/18/25 00:14	1

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-62677-3
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 00:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 00:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 00:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/17/25 09:06*	*09/18/25 00:46*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/17/25 09:06*	*09/18/25 00:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/18/25 00:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/22/25 15:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 15:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 15:15	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-62677-3
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*09/18/25 07:42*	*09/22/25 15:15*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*09/18/25 07:42*	*09/22/25 15:15*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		9.94		mg/Kg			09/18/25 00:19	1

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-62677-4
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		09/17/25 09:06	09/18/25 01:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/17/25 09:06	09/18/25 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/17/25 09:06*	*09/18/25 01:07*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/17/25 09:06*	*09/18/25 01:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/18/25 01:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			09/19/25 13:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		09/16/25 16:28	09/19/25 13:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		09/16/25 16:28	09/19/25 13:02	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		09/16/25 16:28	09/19/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*09/16/25 16:28*	*09/19/25 13:02*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*09/16/25 16:28*	*09/19/25 13:02*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**		10.1		mg/Kg			09/18/25 00:25	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: CS-5 (1.5')

Lab Sample ID: 880-62677-5
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:27	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		09/17/25 09:06	09/18/25 01:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 01:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/17/25 09:06	09/18/25 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*09/17/25 09:06*	*09/18/25 01:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/17/25 09:06*	*09/18/25 01:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/18/25 01:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/25 13:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/16/25 16:28	09/19/25 13:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/16/25 16:28	09/19/25 13:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/16/25 16:28	09/19/25 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*72*		*70 - 130*	*09/16/25 16:28*	*09/19/25 13:16*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*09/16/25 16:28*	*09/19/25 13:16*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		10.0		mg/Kg			09/18/25 00:31	1

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-62677-6
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 01:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 01:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 01:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 01:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 01:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 01:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*09/17/25 09:06*	*09/18/25 01:48*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*09/17/25 09:06*	*09/18/25 01:48*	*1*

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: SW-1 (1.5')

Lab Sample ID: 880-62677-6
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/18/25 01:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			09/19/25 17:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		09/17/25 08:02	09/19/25 17:41	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		09/17/25 08:02	09/19/25 17:41	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		09/17/25 08:02	09/19/25 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/17/25 08:02*	*09/19/25 17:41*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/17/25 08:02*	*09/19/25 17:41*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.3**		9.98		mg/Kg			09/18/25 00:48	1

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-62677-7
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		09/17/25 09:06	09/18/25 02:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		09/17/25 09:06	09/18/25 02:09	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		09/17/25 09:06	09/18/25 02:09	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		09/17/25 09:06	09/18/25 02:09	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/17/25 09:06	09/18/25 02:09	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/17/25 09:06	09/18/25 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/17/25 09:06*	*09/18/25 02:09*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*09/17/25 09:06*	*09/18/25 02:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			09/18/25 02:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/19/25 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 18:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 18:27	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: SW-2 (1.5')

Lab Sample ID: 880-62677-7
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*09/17/25 08:02*	*09/19/25 18:27*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*09/17/25 08:02*	*09/19/25 18:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		10.1		mg/Kg			09/18/25 00:53	1

Client Sample ID: SW-3 (1.5')

Lab Sample ID: 880-62677-8
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 02:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 02:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 02:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 02:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 02:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/17/25 09:06*	*09/18/25 02:29*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*09/17/25 09:06*	*09/18/25 02:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/18/25 02:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/25 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/17/25 08:02	09/19/25 18:43	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/17/25 08:02	09/19/25 18:43	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/17/25 08:02	09/19/25 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/17/25 08:02*	*09/19/25 18:43*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*09/17/25 08:02*	*09/19/25 18:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**97.9**		10.1		mg/Kg			09/18/25 00:59	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: SW-4 (1.5')

Lab Sample ID: 880-62677-9
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 02:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 02:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 02:50	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		09/17/25 09:06	09/18/25 02:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/18/25 02:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/17/25 09:06	09/18/25 02:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*09/17/25 09:06*	*09/18/25 02:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/17/25 09:06*	*09/18/25 02:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			09/18/25 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/19/25 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/17/25 08:02	09/19/25 18:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/17/25 08:02	09/19/25 18:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/17/25 08:02	09/19/25 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*09/17/25 08:02*	*09/19/25 18:58*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*09/17/25 08:02*	*09/19/25 18:58*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		10.1		mg/Kg			09/18/25 01:04	1

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-62677-10
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 03:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 03:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 03:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		09/17/25 09:06	09/18/25 03:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/17/25 09:06	09/18/25 03:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/17/25 09:06	09/18/25 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*09/17/25 09:06*	*09/18/25 03:10*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/17/25 09:06*	*09/18/25 03:10*	*1*

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: SW-5 (1.5')

Lab Sample ID: 880-62677-10
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/18/25 03:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/19/25 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 19:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 19:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*09/17/25 08:02*	*09/19/25 19:13*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*09/17/25 08:02*	*09/19/25 19:13*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		10.1		mg/Kg			09/18/25 01:10	1

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-62677-11
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		09/17/25 09:06	09/18/25 04:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/17/25 09:06	09/18/25 04:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/17/25 09:06	09/18/25 04:45	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		09/17/25 09:06	09/18/25 04:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/17/25 09:06	09/18/25 04:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/17/25 09:06	09/18/25 04:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/17/25 09:06*	*09/18/25 04:45*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*09/17/25 09:06*	*09/18/25 04:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			09/18/25 04:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/19/25 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/17/25 08:02	09/19/25 19:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/17/25 08:02	09/19/25 19:28	1

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: SW-6 (1.5')

Lab Sample ID: 880-62677-11
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/17/25 08:02	09/19/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/17/25 08:02*	*09/19/25 19:28*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*09/17/25 08:02*	*09/19/25 19:28*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		9.98		mg/Kg			09/18/25 01:16	1

Client Sample ID: SW-7 (1.5')

Lab Sample ID: 880-62677-12
Matrix: Solid
Date Collected: 09/12/25 00:00
Date Received: 09/16/25 12:25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 05:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 05:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 05:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 05:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/17/25 09:06	09/18/25 05:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/17/25 09:06	09/18/25 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/17/25 09:06*	*09/18/25 05:05*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*09/17/25 09:06*	*09/18/25 05:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/18/25 05:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/19/25 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/17/25 08:02	09/19/25 19:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/17/25 08:02	09/19/25 19:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/17/25 08:02	09/19/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/17/25 08:02*	*09/19/25 19:43*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*09/17/25 08:02*	*09/19/25 19:43*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		10.1		mg/Kg			09/18/25 01:33	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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)
880-62677-1	CS-1 (1.5')	100	108
880-62677-1 MS	CS-1 (1.5')	98	101
880-62677-1 MSD	CS-1 (1.5')	104	112
880-62677-2	CS-2 (1.5')	108	112
880-62677-3	CS-3 (1.5')	102	103
880-62677-4	CS-4 (1.5')	99	103
880-62677-5	CS-5 (1.5')	101	100
880-62677-6	SW-1 (1.5')	108	102
880-62677-7	SW-2 (1.5')	99	101
880-62677-8	SW-3 (1.5')	102	104
880-62677-9	SW-4 (1.5')	104	103
880-62677-10	SW-5 (1.5')	105	103
880-62677-11	SW-6 (1.5')	97	101
880-62677-12	SW-7 (1.5')	107	100
LCS 880-119110/1-A	Lab Control Sample	103	104
LCSD 880-119110/2-A	Lab Control Sample Dup	110	101
MB 880-119108/5-A	Method Blank	88	112
MB 880-119110/5-A	Method Blank	91	115

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
820-20989-A-6-C MS	Matrix Spike	104	113
820-20989-A-6-D MSD	Matrix Spike Duplicate	100	116
880-62677-1	CS-1 (1.5')	95	97
880-62677-2	CS-2 (1.5')	101	102
880-62677-3	CS-3 (1.5')	107	112
880-62677-4	CS-4 (1.5')	79	82
880-62677-5	CS-5 (1.5')	72	75
880-62677-6	SW-1 (1.5')	98	98
880-62677-6 MS	SW-1 (1.5')	112	104
880-62677-6 MSD	SW-1 (1.5')	111	103
880-62677-7	SW-2 (1.5')	100	103
880-62677-8	SW-3 (1.5')	95	97
880-62677-9	SW-4 (1.5')	97	99
880-62677-10	SW-5 (1.5')	102	104
880-62677-11	SW-6 (1.5')	99	101
880-62677-12	SW-7 (1.5')	98	103
890-8813-A-4-B MS	Matrix Spike	78	84
890-8813-A-4-C MSD	Matrix Spike Duplicate	94	83
LCS 880-119075/2-A	Lab Control Sample	114	129
LCS 880-119088/2-A	Lab Control Sample	88	100
LCS 880-119172/2-A	Lab Control Sample	106	116

Surrogate Summary

Client: Carmona Resources Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25) SDG: 2831

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

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

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
LCSD 880-119075/3-A	Lab Control Sample Dup	133 S1+	153 S1+								
LCSD 880-119088/3-A	Lab Control Sample Dup	89	99								
LCSD 880-119172/3-A	Lab Control Sample Dup	102	114								
MB 880-119075/1-A	Method Blank	123	131 S1+								
MB 880-119088/1-A	Method Blank	101	102								
MB 880-119172/1-A	Method Blank	112	115								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-119108/5-A
Matrix: Solid
Analysis Batch: 119097

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119108

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:04	09/17/25 12:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:04	09/17/25 12:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:04	09/17/25 12:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/17/25 09:04	09/17/25 12:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:04	09/17/25 12:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/25 09:04	09/17/25 12:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*09/17/25 09:04*	*09/17/25 12:44*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*09/17/25 09:04*	*09/17/25 12:44*	*1*

Lab Sample ID: MB 880-119110/5-A
Matrix: Solid
Analysis Batch: 119097

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119110

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/17/25 23:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/17/25 23:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/17/25 23:44	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		09/17/25 09:06	09/17/25 23:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/17/25 09:06	09/17/25 23:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/17/25 09:06	09/17/25 23:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*09/17/25 09:06*	*09/17/25 23:44*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*09/17/25 09:06*	*09/17/25 23:44*	*1*

Lab Sample ID: LCS 880-119110/1-A
Matrix: Solid
Analysis Batch: 119097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119110

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1151		mg/Kg		115	70 - 130
Toluene	0.100	0.1094		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1071		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.2121		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-119110/2-A
Matrix: Solid
Analysis Batch: 119097

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119110

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1091		mg/Kg		109	70 - 130	5	35

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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

Lab Sample ID: LCSD 880-119110/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119097 — **Prep Batch: 119110**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1037		mg/Kg		104	70 - 130	5	35
Ethylbenzene			0.100	0.1039		mg/Kg		104	70 - 130	3	35
m,p-Xylenes			0.200	0.2057		mg/Kg		103	70 - 130	3	35
o-Xylene			0.100	0.1048		mg/Kg		105	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-62677-1 MS — **Client Sample ID: CS-1 (1.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119097 — **Prep Batch: 119110**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09420		mg/Kg		94	70 - 130
Toluene	<0.00201	U	0.100	0.08851		mg/Kg		89	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.08332		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00402	U	0.200	0.1624		mg/Kg		81	70 - 130
o-Xylene	<0.00201	U	0.100	0.08179		mg/Kg		82	70 - 130

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

Lab Sample ID: 880-62677-1 MSD — **Client Sample ID: CS-1 (1.5')**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119097 — **Prep Batch: 119110**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.09589		mg/Kg		96	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.08032		mg/Kg		80	70 - 130	10	35
Ethylbenzene	<0.00201	U	0.100	0.07708		mg/Kg		77	70 - 130	8	35
m,p-Xylenes	<0.00402	U	0.200	0.1554		mg/Kg		78	70 - 130	4	35
o-Xylene	<0.00201	U	0.100	0.07916		mg/Kg		79	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*

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

Lab Sample ID: MB 880-119075/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119194 — **Prep Batch: 119075**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/16/25 16:28	09/19/25 01:43	1

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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

Lab Sample ID: MB 880-119075/1-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 119075

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/16/25 16:28	09/19/25 01:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/16/25 16:28	09/19/25 01:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*09/16/25 16:28*	*09/19/25 01:43*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*09/16/25 16:28*	*09/19/25 01:43*	*1*

Lab Sample ID: LCS 880-119075/2-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 119075

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1001		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	918.9		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*114*		*70 - 130*
o-Terphenyl (Surr)	*129*		*70 - 130*

Lab Sample ID: LCSD 880-119075/3-A
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119075

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1147		mg/Kg		115	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	1000	1069		mg/Kg		107	70 - 130	15	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*133*	*S1+*	*70 - 130*
o-Terphenyl (Surr)	*153*	*S1+*	*70 - 130*

Lab Sample ID: 820-20989-A-6-C MS
Matrix: Solid
Analysis Batch: 119194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 119075

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	993	905.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U	993	809.1		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*104*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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

Lab Sample ID: 820-20989-A-6-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119194 — **Prep Batch: 119075**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	993	927.0		mg/Kg		93	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.1	U	993	826.7		mg/Kg		81	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*116*		*70 - 130*

Lab Sample ID: MB 880-119088/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119360 — **Prep Batch: 119088**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 14:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 14:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/17/25 08:02	09/19/25 14:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*09/17/25 08:02*	*09/19/25 14:16*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/17/25 08:02*	*09/19/25 14:16*	*1*

Lab Sample ID: LCS 880-119088/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119360 — **Prep Batch: 119088**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1017		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1005		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*88*		*70 - 130*
o-Terphenyl (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-119088/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 119360 — **Prep Batch: 119088**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1035		mg/Kg		104	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	996.8		mg/Kg		100	70 - 130	1	20

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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

Lab Sample ID: LCSD 880-119088/3-A
Matrix: Solid
Analysis Batch: 119360

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 119088

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	89		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 880-62677-6 MS
Matrix: Solid
Analysis Batch: 119360

Client Sample ID: SW-1 (1.5')
Prep Type: Total/NA
Prep Batch: 119088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	998	955.5		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U	998	862.9		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-62677-6 MSD
Matrix: Solid
Analysis Batch: 119360

Client Sample ID: SW-1 (1.5')
Prep Type: Total/NA
Prep Batch: 119088

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	998	945.2		mg/Kg		93	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	998	855.3		mg/Kg		86	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	103		70 - 130

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/18/25 07:42	09/22/25 09:26	1

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

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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

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

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

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

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

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

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

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

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

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

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 119172

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

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

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

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 119172

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	871.4		mg/Kg		87	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	829.6		mg/Kg		83	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*94*		*70 - 130*

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

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

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

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 119172

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

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-119132/1-A
Matrix: Solid
Analysis Batch: 119165

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			09/17/25 23:40	1

Lab Sample ID: LCS 880-119132/2-A
Matrix: Solid
Analysis Batch: 119165

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	260.3		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-119132/3-A
Matrix: Solid
Analysis Batch: 119165

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	261.0		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-62677-1 MS
Matrix: Solid
Analysis Batch: 119165

Client Sample ID: CS-1 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	112		251	351.1		mg/Kg		96	90 - 110		

Lab Sample ID: 880-62677-1 MSD
Matrix: Solid
Analysis Batch: 119165

Client Sample ID: CS-1 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	112		251	352.4		mg/Kg		96	90 - 110	0	20

Lab Sample ID: 880-62677-11 MS
Matrix: Solid
Analysis Batch: 119165

Client Sample ID: SW-6 (1.5')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	109		250	346.5		mg/Kg		95	90 - 110		

QC Sample Results

Client: Carmona Resources
Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-62677-11 MSD
Client Sample ID: SW-6 (1.5')
Matrix: Solid
Prep Type: Soluble
Analysis Batch: 119165

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	109		250	347.0		mg/Kg		95	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

GC VOA

Analysis Batch: 119097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Total/NA	Solid	8021B	119110
880-62677-2	CS-2 (1.5')	Total/NA	Solid	8021B	119110
880-62677-3	CS-3 (1.5')	Total/NA	Solid	8021B	119110
880-62677-4	CS-4 (1.5')	Total/NA	Solid	8021B	119110
880-62677-5	CS-5 (1.5')	Total/NA	Solid	8021B	119110
880-62677-6	SW-1 (1.5')	Total/NA	Solid	8021B	119110
880-62677-7	SW-2 (1.5')	Total/NA	Solid	8021B	119110
880-62677-8	SW-3 (1.5')	Total/NA	Solid	8021B	119110
880-62677-9	SW-4 (1.5')	Total/NA	Solid	8021B	119110
880-62677-10	SW-5 (1.5')	Total/NA	Solid	8021B	119110
880-62677-11	SW-6 (1.5')	Total/NA	Solid	8021B	119110
880-62677-12	SW-7 (1.5')	Total/NA	Solid	8021B	119110
MB 880-119108/5-A	Method Blank	Total/NA	Solid	8021B	119108
MB 880-119110/5-A	Method Blank	Total/NA	Solid	8021B	119110
LCS 880-119110/1-A	Lab Control Sample	Total/NA	Solid	8021B	119110
LCSD 880-119110/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	119110
880-62677-1 MS	CS-1 (1.5')	Total/NA	Solid	8021B	119110
880-62677-1 MSD	CS-1 (1.5')	Total/NA	Solid	8021B	119110

Prep Batch: 119108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-119108/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 119110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Total/NA	Solid	5035	
880-62677-2	CS-2 (1.5')	Total/NA	Solid	5035	
880-62677-3	CS-3 (1.5')	Total/NA	Solid	5035	
880-62677-4	CS-4 (1.5')	Total/NA	Solid	5035	
880-62677-5	CS-5 (1.5')	Total/NA	Solid	5035	
880-62677-6	SW-1 (1.5')	Total/NA	Solid	5035	
880-62677-7	SW-2 (1.5')	Total/NA	Solid	5035	
880-62677-8	SW-3 (1.5')	Total/NA	Solid	5035	
880-62677-9	SW-4 (1.5')	Total/NA	Solid	5035	
880-62677-10	SW-5 (1.5')	Total/NA	Solid	5035	
880-62677-11	SW-6 (1.5')	Total/NA	Solid	5035	
880-62677-12	SW-7 (1.5')	Total/NA	Solid	5035	
MB 880-119110/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-119110/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-119110/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-62677-1 MS	CS-1 (1.5')	Total/NA	Solid	5035	
880-62677-1 MSD	CS-1 (1.5')	Total/NA	Solid	5035	

Analysis Batch: 119230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-2	CS-2 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-3	CS-3 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-4	CS-4 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-5	CS-5 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-6	SW-1 (1.5')	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Carmona Resources Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25) SDG: 2831

GC VOA (Continued)

Analysis Batch: 119230 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-7	SW-2 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-8	SW-3 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-9	SW-4 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-10	SW-5 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-11	SW-6 (1.5')	Total/NA	Solid	Total BTEX	
880-62677-12	SW-7 (1.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 119075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-4	CS-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-5	CS-5 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-119075/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-119075/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-119075/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
820-20989-A-6-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
820-20989-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 119088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-6	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-7	SW-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-8	SW-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-9	SW-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-10	SW-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-11	SW-6 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-12	SW-7 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-119088/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-119088/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-119088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-62677-6 MS	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-6 MSD	SW-1 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 119172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-2	CS-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-62677-3	CS-3 (1.5')	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	
LCSD 880-119172/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8813-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8813-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 119194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-4	CS-4 (1.5')	Total/NA	Solid	8015B NM	119075
880-62677-5	CS-5 (1.5')	Total/NA	Solid	8015B NM	119075
MB 880-119075/1-A	Method Blank	Total/NA	Solid	8015B NM	119075
LCS 880-119075/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	119075

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

GC Semi VOA (Continued)

Analysis Batch: 119194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-119075/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	119075
820-20989-A-6-C MS	Matrix Spike	Total/NA	Solid	8015B NM	119075
820-20989-A-6-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	119075

Analysis Batch: 119360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-6	SW-1 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-7	SW-2 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-8	SW-3 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-9	SW-4 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-10	SW-5 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-11	SW-6 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-12	SW-7 (1.5')	Total/NA	Solid	8015B NM	119088
MB 880-119088/1-A	Method Blank	Total/NA	Solid	8015B NM	119088
LCS 880-119088/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	119088
LCSD 880-119088/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	119088
880-62677-6 MS	SW-1 (1.5')	Total/NA	Solid	8015B NM	119088
880-62677-6 MSD	SW-1 (1.5')	Total/NA	Solid	8015B NM	119088

Analysis Batch: 119372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Total/NA	Solid	8015 NM	
880-62677-2	CS-2 (1.5')	Total/NA	Solid	8015 NM	
880-62677-3	CS-3 (1.5')	Total/NA	Solid	8015 NM	
880-62677-4	CS-4 (1.5')	Total/NA	Solid	8015 NM	
880-62677-5	CS-5 (1.5')	Total/NA	Solid	8015 NM	
880-62677-6	SW-1 (1.5')	Total/NA	Solid	8015 NM	
880-62677-7	SW-2 (1.5')	Total/NA	Solid	8015 NM	
880-62677-8	SW-3 (1.5')	Total/NA	Solid	8015 NM	
880-62677-9	SW-4 (1.5')	Total/NA	Solid	8015 NM	
880-62677-10	SW-5 (1.5')	Total/NA	Solid	8015 NM	
880-62677-11	SW-6 (1.5')	Total/NA	Solid	8015 NM	
880-62677-12	SW-7 (1.5')	Total/NA	Solid	8015 NM	

Analysis Batch: 119452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Total/NA	Solid	8015B NM	119172
880-62677-2	CS-2 (1.5')	Total/NA	Solid	8015B NM	119172
880-62677-3	CS-3 (1.5')	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-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	119172
890-8813-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	119172

HPLC/IC

Leach Batch: 119132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-62677-2	CS-2 (1.5')	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

HPLC/IC (Continued)

Leach Batch: 119132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-3	CS-3 (1.5')	Soluble	Solid	DI Leach	
880-62677-4	CS-4 (1.5')	Soluble	Solid	DI Leach	
880-62677-5	CS-5 (1.5')	Soluble	Solid	DI Leach	
880-62677-6	SW-1 (1.5')	Soluble	Solid	DI Leach	
880-62677-7	SW-2 (1.5')	Soluble	Solid	DI Leach	
880-62677-8	SW-3 (1.5')	Soluble	Solid	DI Leach	
880-62677-9	SW-4 (1.5')	Soluble	Solid	DI Leach	
880-62677-10	SW-5 (1.5')	Soluble	Solid	DI Leach	
880-62677-11	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-62677-12	SW-7 (1.5')	Soluble	Solid	DI Leach	
MB 880-119132/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-119132/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-119132/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-62677-1 MS	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-62677-1 MSD	CS-1 (1.5')	Soluble	Solid	DI Leach	
880-62677-11 MS	SW-6 (1.5')	Soluble	Solid	DI Leach	
880-62677-11 MSD	SW-6 (1.5')	Soluble	Solid	DI Leach	

Analysis Batch: 119165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-62677-1	CS-1 (1.5')	Soluble	Solid	300.0	119132
880-62677-2	CS-2 (1.5')	Soluble	Solid	300.0	119132
880-62677-3	CS-3 (1.5')	Soluble	Solid	300.0	119132
880-62677-4	CS-4 (1.5')	Soluble	Solid	300.0	119132
880-62677-5	CS-5 (1.5')	Soluble	Solid	300.0	119132
880-62677-6	SW-1 (1.5')	Soluble	Solid	300.0	119132
880-62677-7	SW-2 (1.5')	Soluble	Solid	300.0	119132
880-62677-8	SW-3 (1.5')	Soluble	Solid	300.0	119132
880-62677-9	SW-4 (1.5')	Soluble	Solid	300.0	119132
880-62677-10	SW-5 (1.5')	Soluble	Solid	300.0	119132
880-62677-11	SW-6 (1.5')	Soluble	Solid	300.0	119132
880-62677-12	SW-7 (1.5')	Soluble	Solid	300.0	119132
MB 880-119132/1-A	Method Blank	Soluble	Solid	300.0	119132
LCS 880-119132/2-A	Lab Control Sample	Soluble	Solid	300.0	119132
LCSD 880-119132/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	119132
880-62677-1 MS	CS-1 (1.5')	Soluble	Solid	300.0	119132
880-62677-1 MSD	CS-1 (1.5')	Soluble	Solid	300.0	119132
880-62677-11 MS	SW-6 (1.5')	Soluble	Solid	300.0	119132
880-62677-11 MSD	SW-6 (1.5')	Soluble	Solid	300.0	119132

Lab Chronicle

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Client Sample ID: CS-1 (1.5')

Lab Sample ID: 880-62677-1
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 00:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 00:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/22/25 14:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 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 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/17/25 23:57	CS	EET MID

Client Sample ID: CS-2 (1.5')

Lab Sample ID: 880-62677-2
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 00:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 00:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/22/25 15:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 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 15:00	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:14	CS	EET MID

Client Sample ID: CS-3 (1.5')

Lab Sample ID: 880-62677-3
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 00:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 00:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/22/25 15:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	119172	09/18/25 07:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119452	09/22/25 15:15	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:19	CS	EET MID

Client Sample ID: CS-4 (1.5')

Lab Sample ID: 880-62677-4
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 01:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 01:07	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Client Sample ID: CS-4 (1.5')
Lab Sample ID: 880-62677-4
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			119372	09/19/25 13:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	119075	09/16/25 16:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/19/25 13:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:25	CS	EET MID

Client Sample ID: CS-5 (1.5')
Lab Sample ID: 880-62677-5
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 01:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 01:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 13:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	119075	09/16/25 16:28	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119194	09/19/25 13:16	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:31	CS	EET MID

Client Sample ID: SW-1 (1.5')
Lab Sample ID: 880-62677-6
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 01:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 01:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 17:41	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 17:41	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:48	CS	EET MID

Client Sample ID: SW-2 (1.5')
Lab Sample ID: 880-62677-7
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 02:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 02:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 18:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 18:27	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Client Sample ID: SW-2 (1.5')
Lab Sample ID: 880-62677-7
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:53	CS	EET MID

Client Sample ID: SW-3 (1.5')
Lab Sample ID: 880-62677-8
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 02:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 02:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 18:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 18:43	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 00:59	CS	EET MID

Client Sample ID: SW-4 (1.5')
Lab Sample ID: 880-62677-9
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 02:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 02:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 18:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 18:58	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 01:04	CS	EET MID

Client Sample ID: SW-5 (1.5')
Lab Sample ID: 880-62677-10
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 03:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 03:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 19:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 19:13	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 01:10	CS	EET MID

Lab Chronicle

Client: Carmona Resources
Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Client Sample ID: SW-6 (1.5')
Lab Sample ID: 880-62677-11
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 04:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 04:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 19:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 19:28	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 01:16	CS	EET MID

Client Sample ID: SW-7 (1.5')
Lab Sample ID: 880-62677-12
Date Collected: 09/12/25 00:00
Matrix: Solid
Date Received: 09/16/25 12:25

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	119110	09/17/25 09:06	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	119097	09/18/25 05:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			119230	09/18/25 05:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			119372	09/19/25 19:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	119088	09/17/25 08:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	119360	09/19/25 19:43	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	119132	09/17/25 09:56	SI	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	119165	09/18/25 01:33	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: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Job ID: 880-62677-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: 2831

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: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-62677-1
SDG: 2831

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-62677-1	CS-1 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-2	CS-2 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-3	CS-3 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-4	CS-4 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-5	CS-5 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-6	SW-1 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-7	SW-2 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-8	SW-3 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-9	SW-4 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-10	SW-5 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-11	SW-6 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico
880-62677-12	SW-7 (1.5')	Solid	09/12/25 00:00	09/16/25 12:25	New Mexico

Chain of Custody

880-62677 Chain of Custody

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Pintail 3 Fed RT Battery (08.03.25)	Turn Around	
Project Number:	2831	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JM		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	DR9
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-0.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-5.5
Total Containers:		Corrected Temperature:	-5.6

ANALYSIS REQUEST

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
CS-1 (1.5')	9/12/2025		X		C	1	X	X	X	
CS-2 (1.5')	9/12/2025		X		C	1	X	X	X	
CS-3 (1.5')	9/12/2025		X		C	1	X	X	X	
CS-4 (1.5')	9/12/2025		X		C	1	X	X	X	
CS-5 (1.5')	9/12/2025		X		C	1	X	X	X	
SW-1 (1.5')	9/12/2025		X		C	1	X	X	X	
SW-2 (1.5')	9/12/2025		X		C	1	X	X	X	
SW-3 (1.5')	9/12/2025		X		C	1	X	X	X	
SW-4 (1.5')	9/12/2025		X		C	1	X	X	X	
SW-5 (1.5')	9/12/2025		X		C	1	X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	9/16/25		9/16/25 1205

Chain of Custody

Work Order No: 62677

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Pintail 3 Fed RT Battery (08.03.25)	Turn Around	
Project Number:	2831	☑ Routine ☐ Rush	
Project Location	Lea County, New Mexico	Due Date:	
Sampler's Name:	JM		
PO #:			

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

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
SW-6 (1.5')	9/12/2025		X		C	1		X	X	X	
SW-7 (1.5')	9/12/2025		X		C	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Conner Moehring	9/16/25		9/16/25

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-62677-1
SDG Number: 2831

Login Number: 62677
List Number: 1
Creator: Lee, Randall

List Source: Eurofins Midland

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/10/2025 12:13:06 PM

JOB DESCRIPTION

Pintail 3 Fed RT Battery (08.03.25)
Lea County, New Mexico

JOB NUMBER

880-63596-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

my EOL

Eurofins Midland

Job Notes

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

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

Authorization

Generated
10/10/2025 12:13:06 PM

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

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Laboratory Job ID: 880-63596-1
SDG: Lea County, New Mexico

Table of Contents

Definitions/Glossary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources Job ID: 880-63596-1
Project: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1 Eurofins Midland

Job Narrative
880-63596-1

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 10/8/2025 1:56 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -4.1°C.

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

Diesel Range Organics
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120728 and analytical batch 880-120712 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.

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

Client Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Client Sample ID: Backfill

Date Collected: 10/03/25 00:00
Date Received: 10/08/25 13:56

Lab Sample ID: 880-63596-1

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 14:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 14:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 14:28	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/09/25 09:09	10/09/25 14:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 14:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/25 09:09	10/09/25 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/09/25 09:09*	*10/09/25 14:28*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/09/25 09:09*	*10/09/25 14:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/09/25 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/09/25 09:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/08/25 10:20	10/09/25 09:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/08/25 10:20	10/09/25 09:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/08/25 10:20	10/09/25 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*10/08/25 10:20*	*10/09/25 09:04*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*10/08/25 10:20*	*10/09/25 09:04*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.7**		9.96		mg/Kg			10/09/25 09:33	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

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)
880-63596-1	Backfill	89	101
880-63596-1 MS	Backfill	98	107
880-63596-1 MSD	Backfill	96	100
LCS 880-120793/1-A	Lab Control Sample	96	105
LCSD 880-120793/2-A	Lab Control Sample Dup	102	107
MB 880-120793/5-A	Method Blank	91	101

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-63549-A-10-B MS	Matrix Spike	81	84
880-63549-A-10-C MSD	Matrix Spike Duplicate	82	83
880-63596-1	Backfill	91	103
LCS 880-120728/2-A	Lab Control Sample	91	93
LCSD 880-120728/3-A	Lab Control Sample Dup	97	98
MB 880-120728/1-A	Method Blank	82	91

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-120793/5-A
Matrix: Solid
Analysis Batch: 120784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120793

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 13:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 13:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 13:10	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/09/25 09:09	10/09/25 13:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/25 09:09	10/09/25 13:10	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/25 09:09	10/09/25 13:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*10/09/25 09:09*	*10/09/25 13:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/09/25 09:09*	*10/09/25 13:10*	*1*

Lab Sample ID: LCS 880-120793/1-A
Matrix: Solid
Analysis Batch: 120784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120793

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1170		mg/Kg		117	70 - 130
Toluene	0.100	0.09141		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09157		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.1820		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09174		mg/Kg		92	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-120793/2-A
Matrix: Solid
Analysis Batch: 120784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120793

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1262		mg/Kg		126	70 - 130	8	35
Toluene	0.100	0.09907		mg/Kg		99	70 - 130	8	35
Ethylbenzene	0.100	0.09979		mg/Kg		100	70 - 130	9	35
m,p-Xylenes	0.200	0.1998		mg/Kg		100	70 - 130	9	35
o-Xylene	0.100	0.09955		mg/Kg		100	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-63596-1 MS
Matrix: Solid
Analysis Batch: 120784

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 120793

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1009		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.07760		mg/Kg		78	70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

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

Lab Sample ID: 880-63596-1 MS
Matrix: Solid
Analysis Batch: 120784

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 120793

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07846		mg/Kg		78	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1549		mg/Kg		77	70 - 130
o-Xylene	<0.00200	U	0.100	0.07939		mg/Kg		79	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-63596-1 MSD
Matrix: Solid
Analysis Batch: 120784

Client Sample ID: Backfill
Prep Type: Total/NA
Prep Batch: 120793

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.1005		mg/Kg		101	70 - 130	0	35
Toluene	<0.00200	U	0.100	0.08210		mg/Kg		82	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.08349		mg/Kg		83	70 - 130	6	35
m,p-Xylenes	<0.00399	U	0.200	0.1642		mg/Kg		82	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.08293		mg/Kg		83	70 - 130	4	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

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

Lab Sample ID: MB 880-120728/1-A
Matrix: Solid
Analysis Batch: 120712

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 120728

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/08/25 10:20	10/09/25 00:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/08/25 10:20	10/09/25 00:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/08/25 10:20	10/09/25 00:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*10/08/25 10:20*	*10/09/25 00:36*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*10/08/25 10:20*	*10/09/25 00:36*	*1*

Lab Sample ID: LCS 880-120728/2-A
Matrix: Solid
Analysis Batch: 120712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120728

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	757.9		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	1000	832.5		mg/Kg		83	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

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

Lab Sample ID: LCS 880-120728/2-A
Matrix: Solid
Analysis Batch: 120712

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 120728

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-120728/3-A
Matrix: Solid
Analysis Batch: 120712

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 120728

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	778.2		mg/Kg		78	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	892.8		mg/Kg		89	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	98		70 - 130

Lab Sample ID: 880-63549-A-10-B MS
Matrix: Solid
Analysis Batch: 120712

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 120728

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	674.2	F1	mg/Kg		67	70 - 130
Diesel Range Organics (Over C10-C28)	66.4	F1	999	704.6	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	84		70 - 130

Lab Sample ID: 880-63549-A-10-C MSD
Matrix: Solid
Analysis Batch: 120712

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 120728

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	687.2	F1	mg/Kg		69	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	66.4	F1	999	718.1	F1	mg/Kg		65	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	83		70 - 130

QC Sample Results

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120783/1-A
Matrix: Solid
Analysis Batch: 120789

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			10/09/25 09:18	1

Lab Sample ID: LCS 880-120783/2-A
Matrix: Solid
Analysis Batch: 120789

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-120783/3-A
Matrix: Solid
Analysis Batch: 120789

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	245.9		mg/Kg		98	90 - 110	1	20

Lab Sample ID: 880-63596-1 MS
Matrix: Solid
Analysis Batch: 120789

Client Sample ID: Backfill
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	84.7		249	322.6		mg/Kg		96	90 - 110		

Lab Sample ID: 880-63596-1 MSD
Matrix: Solid
Analysis Batch: 120789

Client Sample ID: Backfill
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	84.7		249	324.3		mg/Kg		96	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

GC VOA

Analysis Batch: 120784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Total/NA	Solid	8021B	120793
MB 880-120793/5-A	Method Blank	Total/NA	Solid	8021B	120793
LCS 880-120793/1-A	Lab Control Sample	Total/NA	Solid	8021B	120793
LCSD 880-120793/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	120793
880-63596-1 MS	Backfill	Total/NA	Solid	8021B	120793
880-63596-1 MSD	Backfill	Total/NA	Solid	8021B	120793

Prep Batch: 120793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Total/NA	Solid	5035	
MB 880-120793/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-120793/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-120793/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63596-1 MS	Backfill	Total/NA	Solid	5035	
880-63596-1 MSD	Backfill	Total/NA	Solid	5035	

Analysis Batch: 120947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 120712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Total/NA	Solid	8015B NM	120728
MB 880-120728/1-A	Method Blank	Total/NA	Solid	8015B NM	120728
LCS 880-120728/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	120728
LCSD 880-120728/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	120728
880-63549-A-10-B MS	Matrix Spike	Total/NA	Solid	8015B NM	120728
880-63549-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	120728

Prep Batch: 120728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-120728/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-120728/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-120728/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-63549-A-10-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-63549-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 120867

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 120783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Soluble	Solid	DI Leach	
MB 880-120783/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120783/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120783/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

HPLC/IC (Continued)

Leach Batch: 120783 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1 MS	Backfill	Soluble	Solid	DI Leach	
880-63596-1 MSD	Backfill	Soluble	Solid	DI Leach	

Analysis Batch: 120789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63596-1	Backfill	Soluble	Solid	300.0	120783
MB 880-120783/1-A	Method Blank	Soluble	Solid	300.0	120783
LCS 880-120783/2-A	Lab Control Sample	Soluble	Solid	300.0	120783
LCSD 880-120783/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120783
880-63596-1 MS	Backfill	Soluble	Solid	300.0	120783
880-63596-1 MSD	Backfill	Soluble	Solid	300.0	120783

Lab Chronicle

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Client Sample ID: Backfill

Date Collected: 10/03/25 00:00
Date Received: 10/08/25 13:56

Lab Sample ID: 880-63596-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	120793	10/09/25 09:09	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	120784	10/09/25 14:28	EL	EET MID
Total/NA	Analysis	Total BTEX		1			120947	10/09/25 14:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			120867	10/09/25 09:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	120728	10/08/25 10:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	120712	10/09/25 09:04	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120783	10/09/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1			120789	10/09/25 09:33	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Job ID: 880-63596-1
Project/Site: Pintail 3 Fed RT Battery (08.03.25)
SDG: Lea County, New Mexico

Laboratory: Eurofins Midland

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

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

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

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

Method Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Pintail 3 Fed RT Battery (08.03.25)

Job ID: 880-63596-1
SDG: Lea County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63596-1	Backfill	Solid	10/03/25 00:00	10/08/25 13:56	New Mexico

Chain of Custody

880-63596 Chain of Custody

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-813-6823	Email:	mcarmona@carmonaresources.com

Work Order Comments

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

State of Project:

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

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Pintail 3 Fed RT Battery (08.03.25)	Turn Around	
Project Number:	2831	☐ Routine	☑ Rush
Project Location	Lea County, New Mexico	Due Date:	72 Hours
Sampler's Name:	FV		
PO #:			

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	Yes No
Received Intact:	Yes No	Thermometer ID:	TR8
Cooler Custody Seals:	Yes No N/A	Correction Factor:	-.1
Sample Custody Seals:	Yes No N/A	Temperature Reading:	-4.0
Total Containers:		Corrected Temperature:	-4.1

Preservative Codes

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

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	Sample Comments
Backfill	10/3/2025		X		Comp	1		X	X	X	

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	10/8/25 1356		10/9/25 1350

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-63596-1
SDG Number: Lea County, New Mexico

Login Number: 63596
List Number: 1
Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

QUESTIONS

Action 523314

QUESTIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2521629950**
Incident Name	**NAPP2521629950 PINTAIL 3 FED RT BATTERY @ FAPP2203841816**
Incident Type	**Oil Release**
Incident Status	**Reclamation Report Received**
Incident Facility	**[fAPP2203841816] Pintail 3 Fed RT BATT**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	Pintail 3 Fed RT Battery
Date Release Discovered	08/03/2025
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Cause: Other | Other (Specify) | Crude Oil | Released: 0 BBL | Recovered: 0 BBL | Lost: 0 BBL.
Produced Water Released (bbls) Details	*Not answered.*
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Emergency services were not notified. Release was contained to the facility pad. Facility has been cleared by safety personnel.

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	**Yes**
Reasons why this would be considered a submission for a notification of a major release	**From paragraph A. "Major release" determine using:** **(2) an unauthorized release of a volume that:** **(a) results in a fire or is the result of a fire.**
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/05/2025

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Site Characterization	
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (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	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)	
Chloride (EPA 300.0 or SM4500 Cl B)	201
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	277
GRO+DRO (EPA SW-846 Method 8015M)	224
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
On what estimated date will the remediation commence	09/11/2025
On what date will (or did) the final sampling or liner inspection occur	09/12/2025
On what date will (or was) the remediation complete(d)	10/06/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	1046
What is the estimated volume (in cubic yards) that will be remediated	61
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.	
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

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	fAPP2203841816 Pintail 3 Fed RT BATT
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	No
OR is the **off-site** disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/05/2025
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**504031**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**09/12/2025**
What was the (estimated) number of samples that were to be gathered	**13**
What was the sampling surface area in square feet	**1000**

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	1046
What was the total volume (cubic yards) remediated	61
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)	NA

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

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

I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/05/2025

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	Yes
What was the total reclamation surface area (in square feet) for this site	1046
What was the total volume of replacement material (in cubic yards) for this site	61
Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeding commence(d)	10/06/2025
Summarize any additional reclamation activities not included by answers (above)	NA
The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeding plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.	
I hereby agree and sign off to the above statement	Name: Brittany Esparza Title: Environmental Technician Email: brittany.Esparza@ConocoPhillips.com Date: 11/05/2025

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QUESTIONS (continued)

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

QUESTIONS

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

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CONDITIONS

Operator: COG PRODUCTION, LLC 600 W. Illinois Ave Midland, TX 79701	OGRID: 217955
	Action Number: 523314
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Reclamation closure is approved.	11/7/2025
michael.buchanan	The reclamation report has been approved pursuant to 19.15.29.13 E. NMAC. The acceptance of this 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; or if the location fails to revegetate properly. In addition, the OCD approval does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.	11/14/2025