



**SITE INFORMATION**

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**Closure Report**  
**Cypress Fee 23 27 9 CTB**  
**Incident ID: nAPP2528236158**  
**Eddy County, New Mexico**  
**Unit L Sec 09 T23S R27E**  
**32.317429°, -104.202048°**

**Crude Oil Release**  
**Point of Release: Flare Fire**  
**Release Date: 10/04/2025**  
**Volume Released: 1 Barrel of Crude Oil**  
**Volume Recovered: 0 Barrels of Crude Oil**

**CARMONA RESOURCES**



**Prepared for:**  
**Marathon Oil Permian, 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



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January 14, 2026

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

**Re: Closure Report  
Cypress Fee 23 27 9 CTB  
Incident ID: nAPP2528236158  
Marathon Oil Permian, LLC  
Site Location: Unit L, S09, T23S, R27E  
(Lat 32.317429°, Long -104.202048°)  
Eddy County, New Mexico**

Mr. Bratcher:

At the request of Marathon Oil Permian, LLC (Marathon), Carmona Resources LLC has prepared this letter to document the site remediation conducted at the Cypress Fee 23 27 9 CTB, located at 32.317429°, -104.202048° within Unit L, S09, T23S, R27E, in Eddy 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 October 4, 2025, due to flare fire. The incident resulted in the release of approximately one (1) barrel of crude oil, with zero (0) barrels of crude oil being recovered. The impacted area occurred on pad as shown in Figure 3. The Notification of Release and initial 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 two (2) known water source within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.28 miles East of the site in S09, T23S, R27E and was drilled in 2017. The well has a reported depth to groundwater of 150' below ground surface (bgs). A copy of the associated well log is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

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

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

### **4.0 Site Assessment Activities**

#### **Initial Assessment**

On October 31, 2025, Carmona Resources, LLC performed site assessment activities to evaluate soil impacts stemming from the release. A total of four (4) sample points (S-1 and S-4) and five (5) horizontal sample points (H-1 through H-5) were installed to total depths ranging from surface to 0.5' 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 December 30, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C for the sampling notification. A total of four (4) confirmation floor samples were collected (CS-1 through CS-4), and four (4) sidewall samples (SW-1 through SW-4) 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 12 cubic yards of material were excavated and transported off-site for proper disposal.

### **6.0 Conclusions**

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Marathon formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-6823.

Sincerely,

**Carmona Resources, LLC**

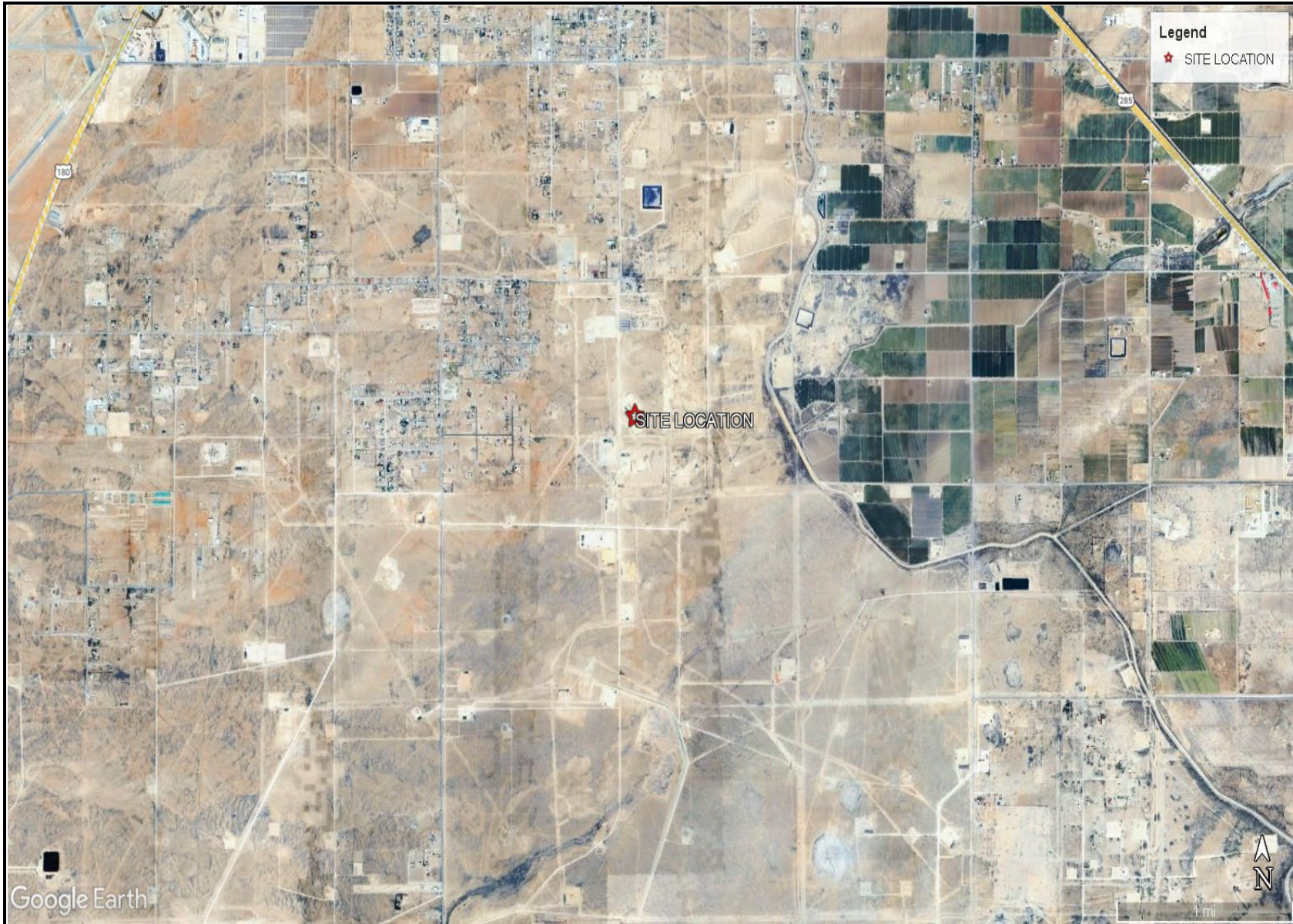
Conner Moehring  
Environmental Manager


Stephen Reyes  
Environmental Engineer

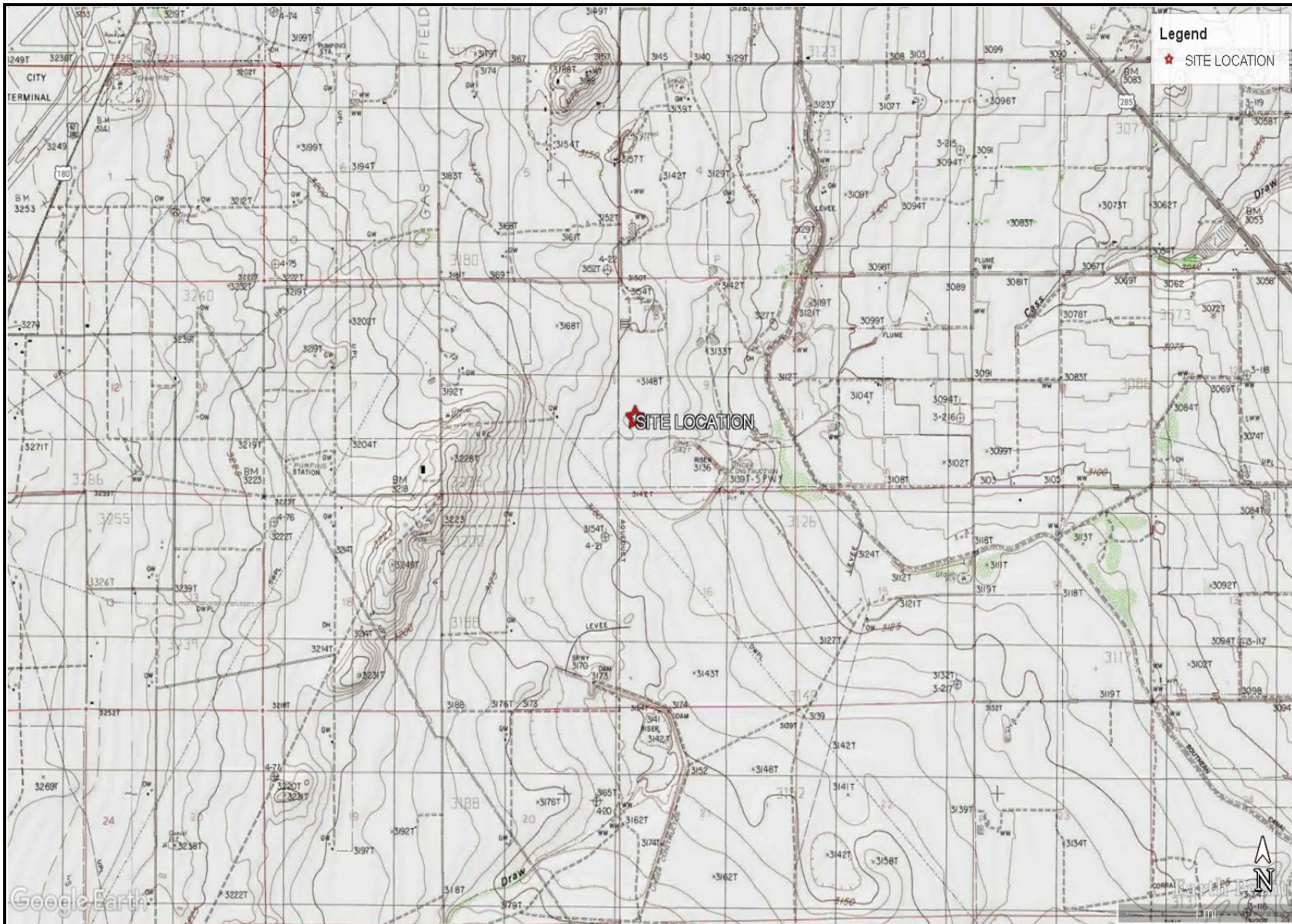
# FIGURES

CARMONA RESOURCES





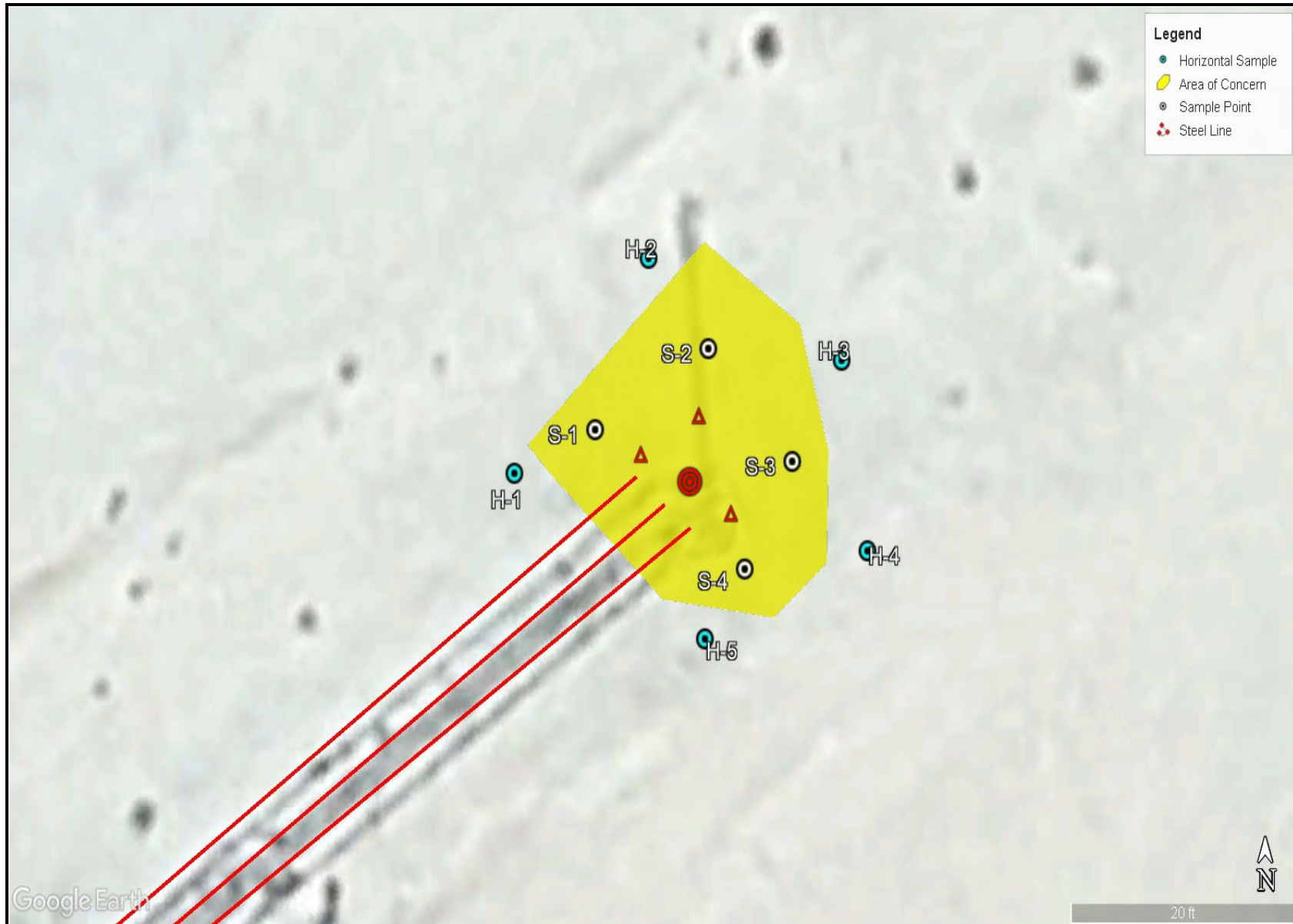
<p>OVERVIEW MAP MARATHON OIL PERMIAN, LLC CYPRESS FEE 23 27 9 CTB EDDY COUNTY, NEW MEXICO 32.317429°, -104.202048°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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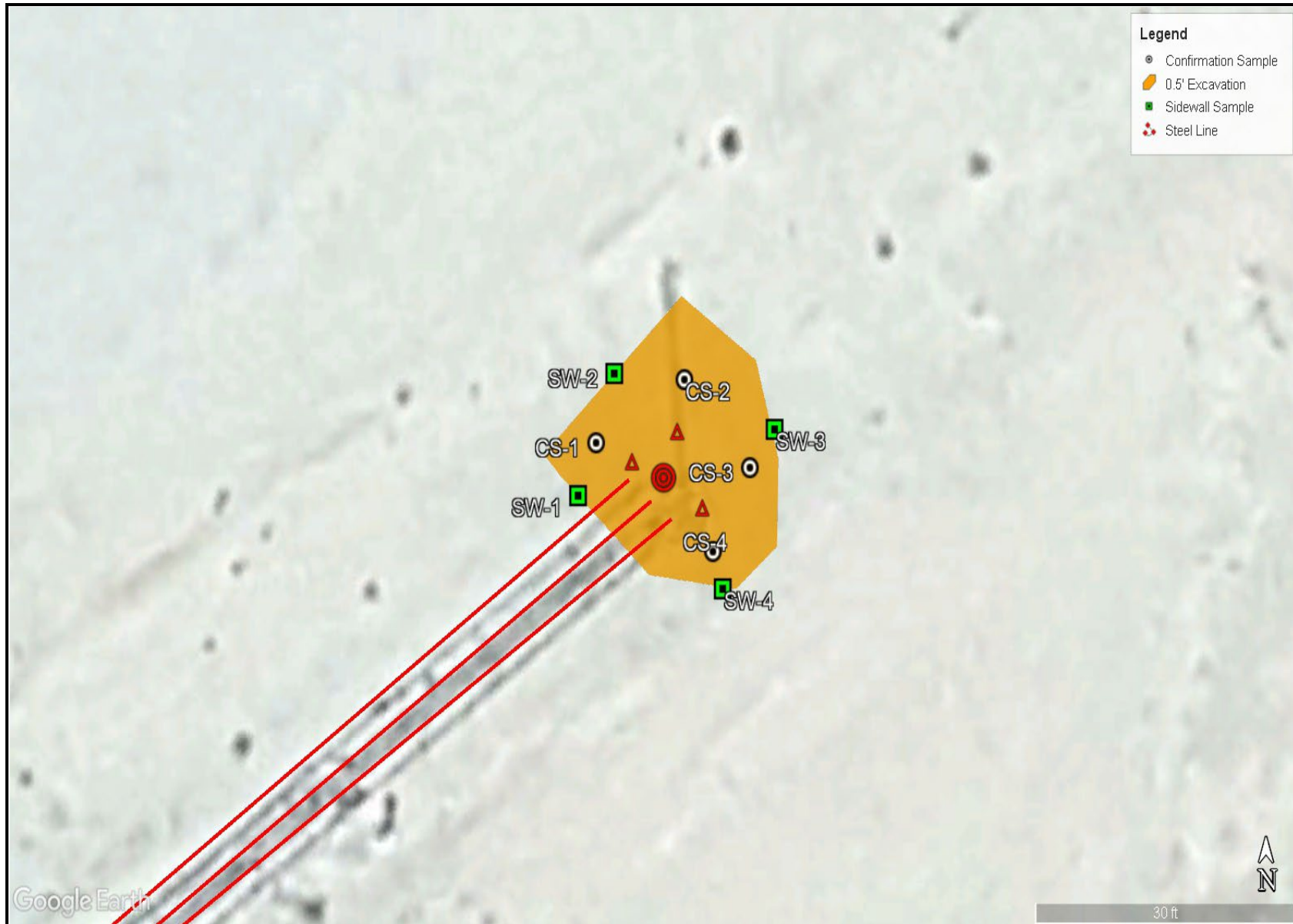
TOPOGRAPHIC MAP  
MARATHON OIL PERMIAN, LLC  
CYPRESS FEE 23 27 9 CTB  
EDDY COUNTY, NEW MEXICO  
32.317429°, -104.202048°




FIGURE 2



<p>SAMPLE LOCATION MAP MARATHON OIL PERMIAN, LLC CYPRESS FEE 23 27 9 CTB EDDY COUNTY, NEW MEXICO 32.317429°, -104.202048°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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<p>EXCAVATION MAP MARATHON OIL PERMIAN, LLC CYPRESS FEE 23 27 9 CTB EDDY COUNTY, NEW MEXICO 32.317429°, -104.202048°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**Marathon Oil Permian, LLC**  
**Cypress Fee 23 27 9 CTB**  
**Eddy 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						
S-1	10/31/2025	0-3"	<49.8	<b>1,020</b>	<49.8	<b>1,020</b>	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	25.3
	"	6"	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
S-2	10/31/2025	0-3"	<49.8	<b>1,180</b>	<b>297</b>	<b>1,480</b>	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	33.0
	"	6"	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.96
S-3	10/31/2025	0-3"	<50.0	<b>1,030</b>	<b>238</b>	<b>1,270</b>	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	24.3
	"	6"	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	75.7
S-4	10/31/2025	0-3"	<50.0	<b>1,930</b>	<b>401</b>	<b>2,330</b>	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	37.9
	"	6"	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
H-1	10/31/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-2	10/31/2025	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
H-3	10/31/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.96
H-4	10/31/2025	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
H-5	10/31/2025	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed  
<sup>A</sup> - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet  
 (S) Sample Point  
 (H) Horizontal Sample

**Table 2**  
**Marathon Oil Permian, LLC**  
**Cypress Fee 23-27-9 CTB**  
**Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
<b>CS-1</b>	1/2/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	10.4
<b>CS-2</b>	1/2/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00255	<0.00402	<0.00402	<10.1
<b>CS-3</b>	1/2/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	10.2
<b>CS-4</b>	1/2/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.7
<b>SW-1</b>	1/2/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	0.00201	0.00492	<0.00396	<10.1
<b>SW-2</b>	1/2/2026	0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	14.4
<b>SW-3</b>	1/2/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.94
<b>SW-4</b>	1/2/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<9.92
<b>Backfill</b>	12/17/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00399	32.2
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed  
<sup>A</sup> - 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

## COG Production, LLC

### Photograph No. 1

**Facility:** Cypress Fee 23 27 9 CTB

**County:** Eddy County, New Mexico

**Description:**

View West, area of CS-1 and CS-2



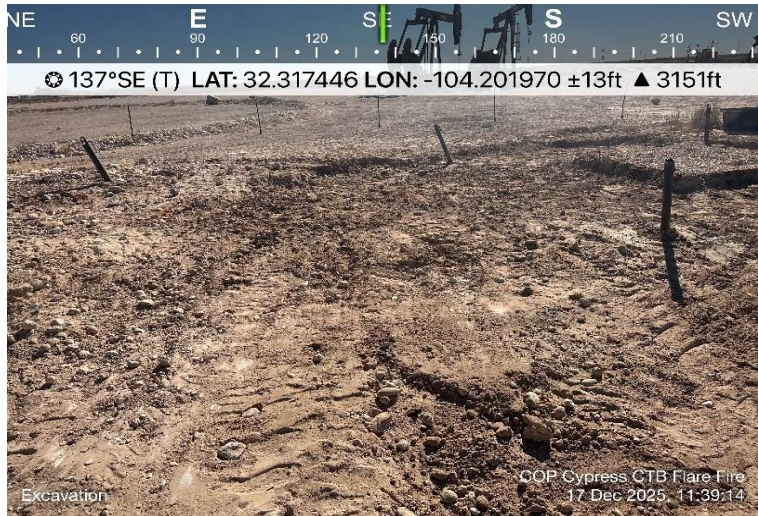
### Photograph No. 2

**Facility:** Cypress Fee 23 27 9 CTB

**County:** Eddy County, New Mexico

**Description:**

View Southeast, area of CS-3



### Photograph No. 3

**Facility:** Cypress Fee 23 27 9 CTB

**County:** Eddy County, New Mexico

**Description:**

View Southeast, area of CS-4



# PHOTOGRAPHIC LOG

COG Production, LLC

## Photograph No. 4

Facility: Cypress Fee 23 27 9 CTB

County: Eddy County, New Mexico

**Description:**

View East of backfilled area



## Photograph No. 5

Facility: Cypress Fee 23 27 9 CTB

County: Eddy County, New Mexico

**Description:**

View West of backfilled area



## Photograph No. 6

Facility: Cypress Fee 23 27 9 CTB

County: Eddy County, New Mexico

**Description:**

View Southwest of backfilled area



## 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 513647

**QUESTIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 513647
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Cypress Fee 23 27 9 CTB
Date Release Discovered	10/04/2025
Surface Owner	Private

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Unknown   Crude Oil   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Unknown   Produced Water   Released: 0 BBL   Recovered: 0 BBL   Lost: 0 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 513647

**QUESTIONS (continued)**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 513647
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More volume information must be supplied to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>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.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

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

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

Action 513647

**ACKNOWLEDGMENTS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 513647
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

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

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**Oil Conservation Division**  
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**Santa Fe, NM 87505**

CONDITIONS

Action 513647

**CONDITIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 513647
	Action Type: [NOTIFY] Notification Of Release (NOR)

**CONDITIONS**

Created By	Condition	Condition Date
brittanyparza	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	10/9/2025



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

QUESTIONS

Action 516043

**QUESTIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 516043
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528236158
Incident Name	NAPP2528236158 CYPRESS FEE 23 27 9 CTB @ L-09-23S-27E
Incident Type	Fire
Incident Status	Initial C-141 Received

**Location of Release Source**

*Please answer all the questions in this group.*

Site Name	Cypress Fee 23 27 9 CTB
Date Release Discovered	10/04/2025
Surface Owner	Private

**Incident Details**

*Please answer all the questions in this group.*

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

**Nature and Volume of Release**

*Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.*

Crude Oil Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Crude Oil   Released: 1 BBL   Recovered: 0 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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

QUESTIONS, Page 2

Action 516043

**QUESTIONS (continued)**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 516043
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>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.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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: 10/16/2025
--	---

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, Page 3

Action 516043

**QUESTIONS (continued)**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 516043
	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.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
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.

<b>Remediation Plan</b> <i>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.</i>	
Requesting a remediation plan approval with this submission	No
<i>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.</i>	

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

CONDITIONS

Action 516043

**CONDITIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 516043
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	None	10/16/2025

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 538975

**QUESTIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 538975
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528236158
Incident Name	NAPP2528236158 CYPRESS FEE 23 27 9 CTB @ L-09-23S-27E
Incident Type	Fire
Incident Status	Initial C-141 Approved

<b>Location of Release Source</b>	
Site Name	Cypress Fee 23 27 9 CTB
Date Release Discovered	10/04/2025
Surface Owner	Private

<b>Sampling Event General Information</b>	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	480
What is the estimated number of samples that will be gathered	6
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/02/2026
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 4328136823
Please provide any information necessary for navigation to sampling site	32.317388, -104.201986

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

General Information  
Phone: (505) 629-6116

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

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

CONDITIONS

Action 538975

**CONDITIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 538975
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
jacquih	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.	12/30/2025
jacquih	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.	12/30/2025

## APPENDIX D

CARMONA RESOURCES

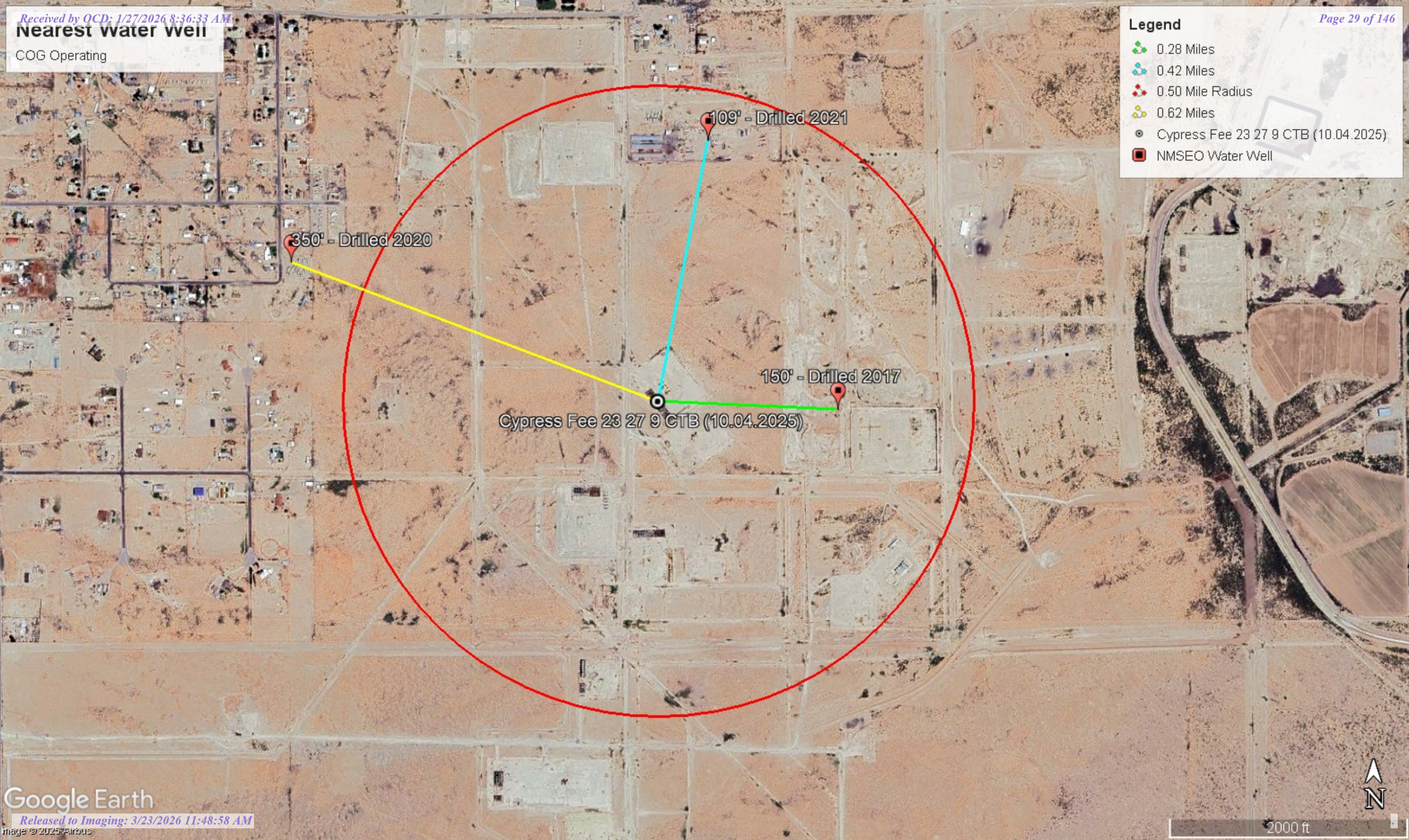


### Nearest water well

COG Operating

**Legend**




- 0.28 Miles
- 0.42 Miles
- 0.50 Mile Radius
- 0.62 Miles
- Cypress Fee 23 27 9 CTB (10.04.2025)
- NMSEO Water Well




**Medium Karst**

COG Operating

**Legend**

-  Cypress Fee 23 27 9 CTB (10.04.2025)
-  High
-  Medium

  
Cypress Fee 23 27 9 CTB (10.04.2025)





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">C 04044 POD1</a>		CUB	ED	SW	NE	SW	09	23S	27E	575503.9	3575907.0	●	460	290	150	140
<a href="#">C 04581 POD1</a>		C	ED	SW	NW	NW	09	23S	27E	575166.9	3576589.7	●	674	165	109	56
<a href="#">C 04429 POD1</a>		C	ED	SE	SE	NW	08	23S	27E	574102.2	3576270.8	●	1002	400	350	50
<a href="#">C 00195</a>		CUB	ED	SE	NW	SE	09	23S	27E	576069.0	3575827.0 *	●	1029	128	83	45
<a href="#">C 00323</a>		C	ED		SE	SE	05	23S	27E	574750.0	3577122.0 *	●	1231	200		
<a href="#">C 02711</a>		C	ED		SE	SE	05	23S	27E	574750.0	3577122.0 *	●	1231	170	75	95
<a href="#">C 03020</a>		C	ED		SE	SE	05	23S	27E	574750.0	3577122.0 *	●	1231	176	135	41
<a href="#">C 03799 POD1</a>		C	ED	NW	SW	SW	04	23S	27E	574980.6	3577170.3	●	1245	200	51	149
<a href="#">C 00109 CLW203096</a>	O	CUB	ED	NW	SW	SW	04	23S	27E	575051.0	3577226.0 *	●	1300	260		
<a href="#">C 00420</a>	C	CUB	ED		SE	NE	09	23S	27E	576370.0	3576337.0 *	●	1388	2151		
<a href="#">C 01071</a>		C	ED			NW	08	23S	27E	573751.0	3576499.0 *	●	1414	279	95	184
<a href="#">C 02191</a>		C	ED			NW	08	23S	27E	573751.0	3576499.0 *	●	1414	252	75	177
<a href="#">C 03653 POD1</a>		C	ED	NE	SE	SE	05	23S	27E	574757.2	3577331.8	●	1434	220	180	40
<a href="#">C 03892 POD1</a>		C	ED	NW	NE	NW	08	23S	27E	573846.2	3576764.7	●	1462	148	54	94
<a href="#">C 02710</a>		C	ED			SE	05	23S	27E	574550.0	3577318.0 *	●	1477	200	72	128
<a href="#">C 02510</a>		C	ED	NW	NE	NW	08	23S	27E	573848.0	3576806.0 *	●	1484	350	350	0
<a href="#">C 00068 CLW193190</a>	O	CUB	ED	SW	SW	NW	10	23S	27E	576673.0	3576241.0 *	●	1659	175		

Average Depth to Water: **136 feet**

Minimum Depth: **51 feet**

Maximum Depth: **350 feet**

**Record Count:** 17

**UTM Filters (in meters):**

**Easting:** 575044.00

**Northing:** 3575926.00

**Radius:** 1700

\* UTM location was derived from PLSS - see Help

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



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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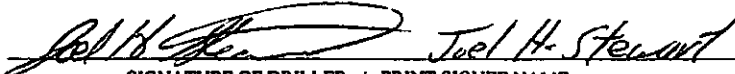
STATE OF NEW MEXICO  
2017 MAY 16 AM 9:38

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) POD1		OSE FILE NUMBER(S) C-4044					
	WELL OWNER NAME(S) Scott and Valerie Branson		PHONE (OPTIONAL) 575-706-5659					
	WELL OWNER MAILING ADDRESS 910 W Pierce Street #138		CITY Carlsbad	STATE NM	ZIP 88220			
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 19	SECONDS 2.85"	N			
		LONGITUDE 104		52.35"	W			
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84								
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW/4 NE/4 SW/4 Section 09 T 23S R 27E								
2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-331	NAME OF LICENSED DRILLER Joel H. Stewart		NAME OF WELL DRILLING COMPANY Stewart Brothers Drilling Co.				
	DRILLING STARTED 4/21/17	DRILLING ENDED 4/22/17	DEPTH OF COMPLETED WELL (FT) 290	BORE HOLE DEPTH (FT) 290	DEPTH WATER FIRST ENCOUNTERED (FT) 150			
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input type="radio"/> DRY HOLE <input checked="" type="radio"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT)			
	DRILLING FLUID: <input checked="" type="radio"/> AIR <input type="radio"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	150	12.25"	8.625" certa-lok	integral bell joint	8.625"	.500	
	150	290	12.25"	8.625" certa-lok	integral bell joint	8.625"	.500	.032"
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	15	12.25"	portland cement	6.2	from surface		
	15	20	12.25"	bentonite chips	2.06	from surface		
20	290	12.25"	3/8" pea gravel	111.43	from surface			

FOR OSE INTERNAL USE

FILE NUMBER	C-4044	POD NUMBER	1	TRN NUMBER	605683
LOCATION	Exp1	23S.27E.9.323			PAGE 1 OF 2

STATE OF TEXAS  
 DEPARTMENT OF AGRICULTURE  
 707 WEST 16TH ST. 30

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	60	60	brown sand, large rocks	<input type="radio"/> Y <input checked="" type="radio"/> N	
	60	100	40	tan clay and sand	<input type="radio"/> Y <input checked="" type="radio"/> N	
	100	290	190	dark brown gravel and sand	<input checked="" type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
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					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
					<input type="radio"/> Y <input type="radio"/> N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="radio"/> PUMP					TOTAL ESTIMATED WELL YIELD (gpm): unknown	
<input type="radio"/> AIR LIFT <input type="radio"/> BAILER <input type="radio"/> OTHER - SPECIFY:						
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
	Minimal air-lift development was performed after well installation was complete. Owner is taking care of pump testing and equipping.					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Don Ward						
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:					
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME				5-10-17 DATE	

FOR USE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 06/08/2012)		
FILE NUMBER	C-4044	POD NUMBER	1	TRN NUMBER	605683
LOCATION	Exp1	235.27E.9.323			PAGE 2 OF 2

OSE DIT DEC 2 2021 PM 2:56



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1C-4581		WELL TAG ID NO. 20FAE		OSE FILE NO(S). C-4581	
	WELL OWNER NAME(S) YADIRA MARTINEZ MEDINA				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS 7090-3 THOMASON RD				CITY CARLSBAD	STATE NM
					ZIP 88220	
WELL LOCATION (FROM GPS)		DEGREES LATITUDE 32	MINUTES 19	SECONDS 25.10	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 104	12	5.04	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SECTION 9 TOWNSHIP 23S RANGE 27E						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1753		NAME OF LICENSED DRILLER JACOB FRIESSEN			NAME OF WELL DRILLING COMPANY VANGUARD		
	DRILLING STARTED 11/18/21	DRILLING ENDED 11/22/21	DEPTH OF COMPLETED WELL (FT) 165	BORE HOLE DEPTH (FT) 8.75	DEPTH WATER FIRST ENCOUNTERED (FT) 109			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 160			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD		ADDITIVES - SPECIFY:					
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	-1	125	8.75	BLANK PVC SCH40	GLUE 5.5	5	.25	
	125	165	8.75	SCREEN PVC SCH40	GLUE 5.5	5	.25	.032


3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	20	8.75	CONCRETE	5	POURED
	20	165	8.75	GRAVEL	32	POURED

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. <b>C-4581</b>	POD NO. <b>1</b>	TRN NO. <b>712617</b>
LOCATION <b>23S-27E-09</b>	<b>1.1.3</b>	WELL TAG ID NO. <b>20FAE</b>
		PAGE 1 OF 2

USE OIT DEC 2 2021 PM 7:56

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	1	1	TOPSOIL	Y ✓ N	
	1	28	27	ROCK	Y ✓ N	
	28	43	15	CALICHE	Y ✓ N	
	43	109	66	CLAY	Y ✓ N	
	109	125	16	SANDSTONE	✓ Y N	1.00
	125	165	40	CLAY	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm):	
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input checked="" type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					1.00	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION:					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: WILHELM KRAHN					
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.					
	 JACOB FRIESSEN			11/30/21		
SIGNATURE OF DRILLER / PRINT SIGNEE NAME			DATE			

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)			
FILE NO. C-4581	POD NO. 1	TRN NO. 712617			
LOCATION 235-27E-09 1.1.3	WELL TAG ID NO. 20FAE			PAGE 2 OF 2	



**WELL RECORD & LOG**  
**OFFICE OF THE STATE ENGINEER**  
[www.ose.state.nm.us](http://www.ose.state.nm.us)

OSE DIT JUN 2 2020 PM 4:02

OSE DIT AUG 24 2020 PM 1:35

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) <b>POD 1</b>		WELL TAG ID NO. <b>2242D</b>		OSE FILE NO(S). <b>C-04429</b>		
	WELL OWNER NAME(S) <b>ADAN VAZQUES</b>				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS <b>302 CR 1260</b>				CITY <b>FAIRFIELD</b>	STATE <del>NM</del> <b>TX</b>	ZIP <b>75840</b>
	WELL LOCATION (FROM GPS)	LATITUDE	DEGREES <b>32</b>	MINUTES <b>19</b>	SECONDS <b>15</b> ✓	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE	<b>-104</b>	<b>12</b>	<b>45.85</b> W	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE <b>SECTION 08 TOWNSHIP 23S RANGE 27E</b>							

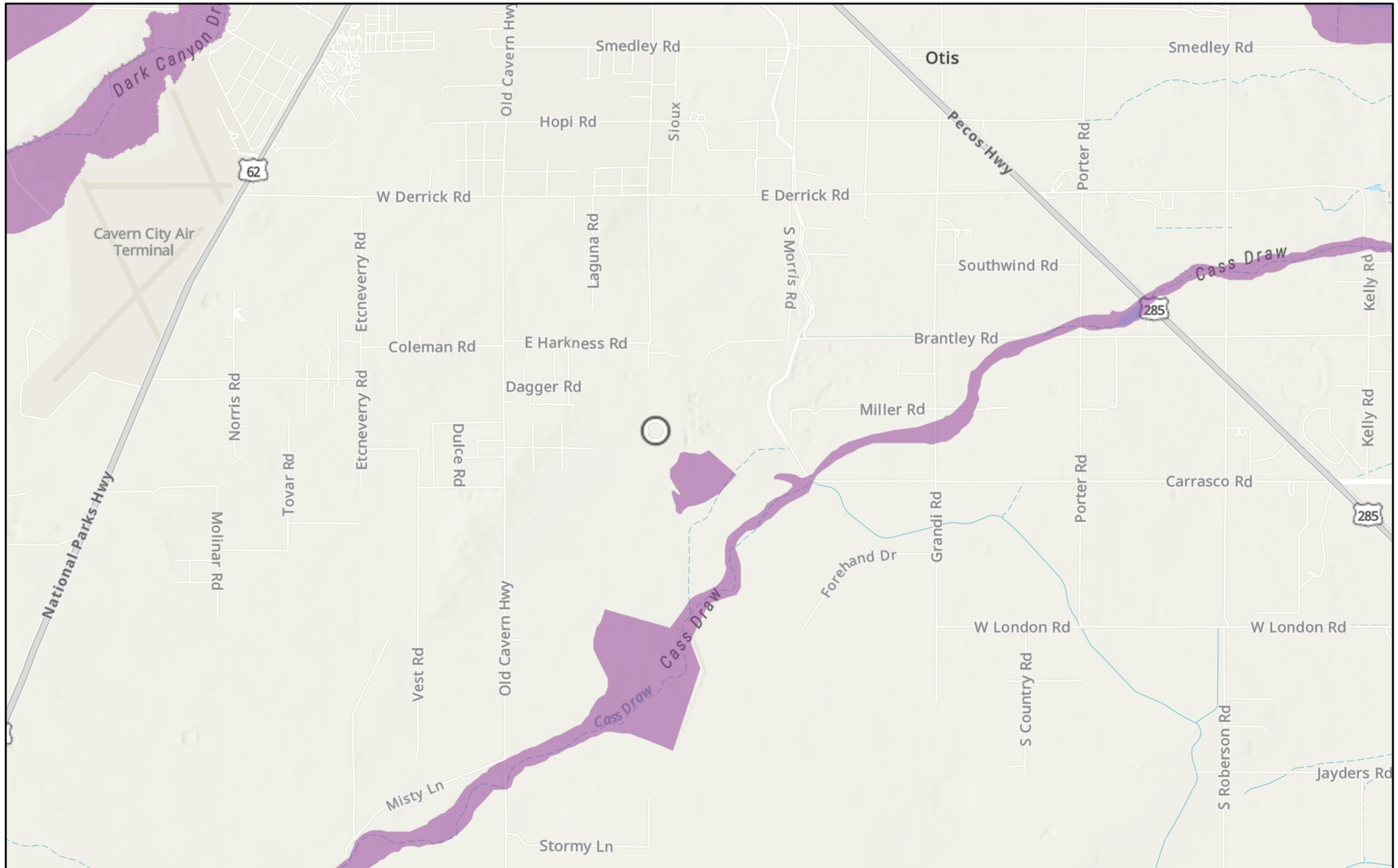
2. DRILLING & CASING INFORMATION	LICENSE NO. <b>1753</b>	NAME OF LICENSED DRILLER <b>JACOBO FRIESEN</b>			NAME OF WELL DRILLING COMPANY <b>Vanguard</b>			
	DRILLING STARTED <b>4-27-20</b>	DRILLING ENDED <b>5-4-20</b>	DEPTH OF COMPLETED WELL (FT) <b>400</b>	BORE HOLE DEPTH (FT) <b>400</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>350 0</b>			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>370 0</b>			
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	<b>-2</b>	<b>320</b>	<b>9.875</b>	<b>BLANK PVC</b>	<b>GLUE 5.5</b>	<b>5</b>	<b>.25</b>	
	<b>320</b>	<b>400</b>	<b>9.875</b>	<b>SCREEN PVC</b>	<b>GLUE 5.5</b>	<b>5</b>	<b>.25</b>	<b>.035</b>

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	<b>0</b>	<b>20</b>	<b>9.875</b>	<b>CONCRETE</b>	<b>7.5</b>	<b>POURED</b>
	<b>20</b>	<b>400</b>	<b>9.875</b>	<b>GRAVEL 3/8</b>	<b>138</b>	<b>POURED</b>

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 04/30/19)		
FILE NO.	<b>C-4429</b>	POD NO.	<b>1</b>	TRN NO.	<b>671575</b>
LOCATION	<b>23S-27E-08-44.4</b>		WELL TAG ID NO.	<b>2242D</b>	PAGE 1 OF 2



# Cypress Fee 23 27 9 CTB (10.04.2025)

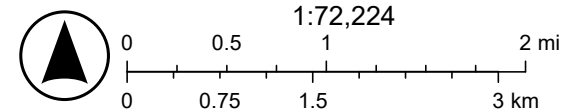


10/24/2025

USA Flood Hazard Areas

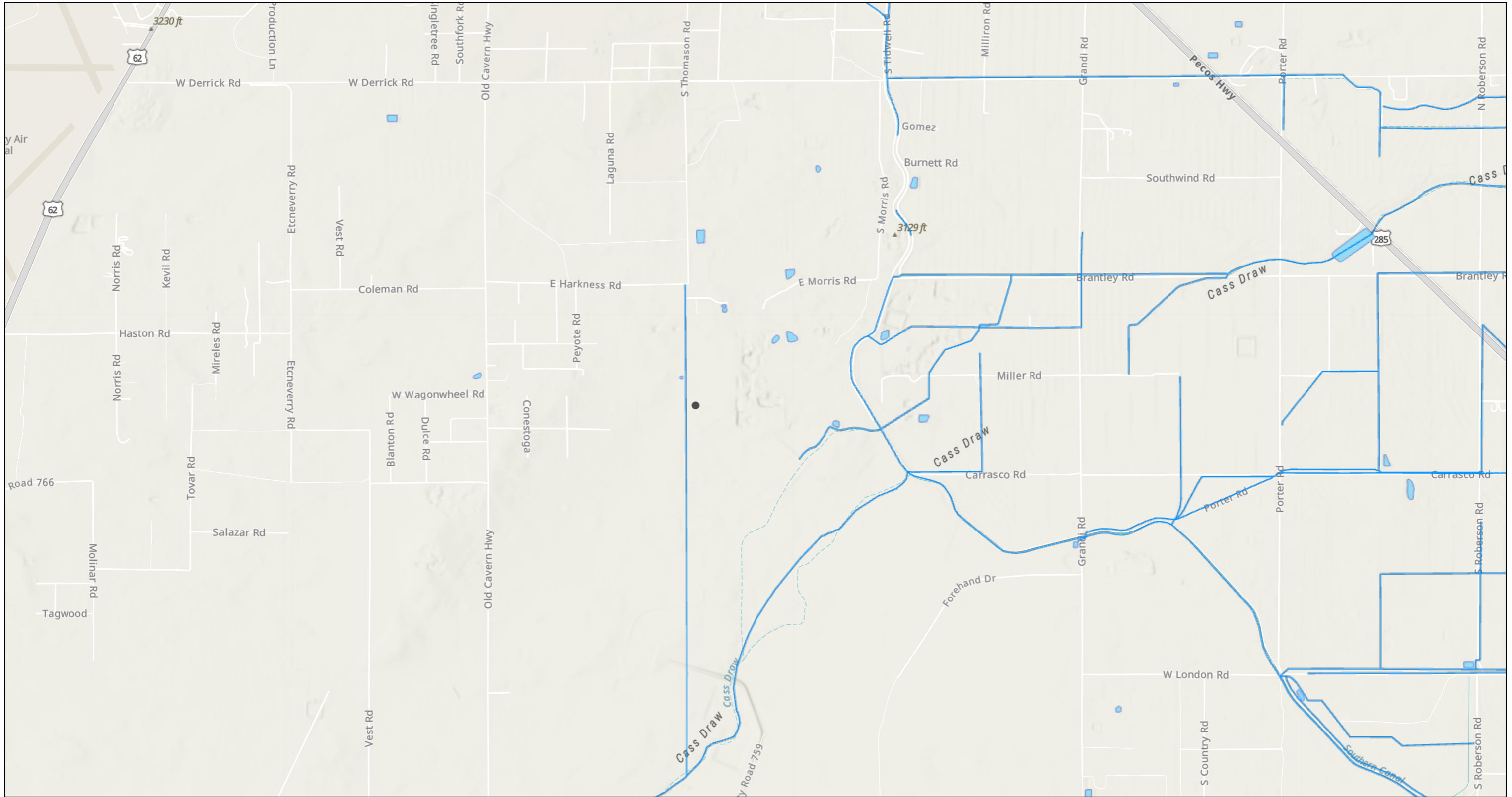
 1% Annual Chance Flood Hazard

World\_Hillshade



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

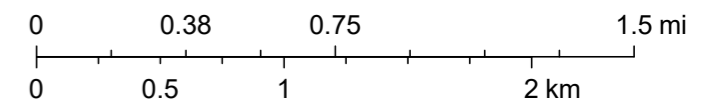
# Cypress Fee 23 27 9 CTB (10.04.2025)



10/24/2025, 10:40:23 AM

- OSE Streams
- OSW Water Bodies

1:36,112



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





Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 11/10/2025 4:43:24 PM

## JOB DESCRIPTION

Cypress fee 23-27-9 CTB  
 Eddy County, New Mexico

## JOB NUMBER

880-64649-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



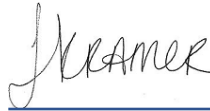
# Eurofins Midland

## Job Notes

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

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

## Authorization



Generated  
11/10/2025 4:43:24 PM

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

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Client: Carmona Resources  
Project/Site: Cypress fee 23-27-9 CTB

Laboratory Job ID: 880-64649-1  
SDG: Eddy County, New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

### Qualifiers

#### GC VOA

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

#### GC Semi VOA

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

#### HPLC/IC

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

### Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1

**Job ID: 880-64649-1**

**Eurofins Midland**

## Job Narrative 880-64649-1

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 11/6/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123210 and analytical batch 880-123251 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: Surrogate recovery for the following sample was outside control limits: (885-36939-A-90-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

### HPLC/IC

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

Eurofins Midland



## Client Sample Results

Client: Carmona Resources  
Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-64649-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 23:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 23:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 23:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/06/25 16:13	11/08/25 23:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 23:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/06/25 16:13	11/08/25 23:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	11/06/25 16:13	11/08/25 23:47	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 16:13	11/08/25 23:47	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			11/08/25 23:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/25 20:53	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		11/06/25 10:02	11/07/25 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 20:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	11/06/25 10:02	11/07/25 20:53	1
o-Terphenyl (Surr)	127		70 - 130	11/06/25 10:02	11/07/25 20:53	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			11/07/25 14:04	1

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

Lab Sample ID: 880-64649-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/09/25 00:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/09/25 00:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/09/25 00:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/06/25 16:13	11/09/25 00:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/09/25 00:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/06/25 16:13	11/09/25 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/06/25 16:13	11/09/25 00:08	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/06/25 16:13	11/09/25 00:08	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: H-2 (0-6")**

**Lab Sample ID: 880-64649-2**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

**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			11/09/25 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/07/25 21:09	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		11/06/25 10:02	11/07/25 21:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/06/25 10:02	11/07/25 21:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/06/25 10:02	11/07/25 21:09	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	103		70 - 130				11/06/25 10:02	11/07/25 21:09	1
o-Terphenyl (Surr)	123		70 - 130				11/06/25 10:02	11/07/25 21:09	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			11/07/25 14:10	1

**Client Sample ID: H-3 (0-6")**

**Lab Sample ID: 880-64649-3**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/09/25 01:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/09/25 01:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/09/25 01:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/06/25 16:13	11/09/25 01:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/09/25 01:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/06/25 16:13	11/09/25 01:41	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	103		70 - 130				11/06/25 16:13	11/09/25 01:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130				11/06/25 16:13	11/09/25 01:41	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			11/09/25 01:41	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			11/07/25 21:24	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		11/06/25 10:02	11/07/25 21:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 21:24	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: H-3 (0-6")**

**Lab Sample ID: 880-64649-3**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130				11/06/25 10:02	11/07/25 21:24	1
o-Terphenyl (Surr)	120		70 - 130				11/06/25 10:02	11/07/25 21:24	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			11/07/25 14:15	1

**Client Sample ID: H-4 (0-6")**

**Lab Sample ID: 880-64649-4**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/09/25 02:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/09/25 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/06/25 16:13	11/09/25 02:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/06/25 16:13	11/09/25 02:01	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			11/09/25 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/07/25 21:39	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		11/06/25 10:02	11/07/25 21:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/06/25 10:02	11/07/25 21:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/06/25 10:02	11/07/25 21:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				11/06/25 10:02	11/07/25 21:39	1
o-Terphenyl (Surr)	119		70 - 130				11/06/25 10:02	11/07/25 21:39	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			11/07/25 14:30	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: H-5 (0-6")**

**Lab Sample ID: 880-64649-5**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:22	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/09/25 02:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/09/25 02:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/09/25 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	11/06/25 16:13	11/09/25 02:22	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 16:13	11/09/25 02:22	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			11/09/25 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/25 21:54	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		11/06/25 10:02	11/07/25 21:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 21:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 21:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	11/06/25 10:02	11/07/25 21:54	1
o-Terphenyl (Surr)	124		70 - 130	11/06/25 10:02	11/07/25 21:54	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			11/07/25 14:36	1

## Surrogate Summary

Client: Carmona Resources  
Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
SDG: Eddy County, New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-64648-A-1-B MS	Matrix Spike	100	101
880-64648-A-1-C MSD	Matrix Spike Duplicate	98	105
880-64649-1	H-1 (0-6")	105	96
880-64649-2	H-2 (0-6")	107	99
880-64649-3	H-3 (0-6")	103	97
880-64649-4	H-4 (0-6")	104	99
880-64649-5	H-5 (0-6")	106	96
LCS 880-123210/1-A	Lab Control Sample	100	101
LCSD 880-123210/2-A	Lab Control Sample Dup	105	99
MB 880-123182/5-A	Method Blank	112	96
MB 880-123210/5-A	Method Blank	108	93

**Surrogate Legend**

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-64649-1	H-1 (0-6")	105	127
880-64649-2	H-2 (0-6")	103	123
880-64649-3	H-3 (0-6")	101	120
880-64649-4	H-4 (0-6")	102	119
880-64649-5	H-5 (0-6")	104	124
885-36939-A-90-B MS	Matrix Spike	91	113
885-36939-A-90-C MSD	Matrix Spike Duplicate	100	131 S1+
LCS 880-123111/2-A	Lab Control Sample	86	108
LCSD 880-123111/3-A	Lab Control Sample Dup	91	119
MB 880-123111/1-A	Method Blank	104	124

**Surrogate Legend**

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-123182/5-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 123182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/06/25 13:29	11/08/25 09:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/06/25 13:29	11/08/25 09:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 13:29	11/08/25 09:30	1

Lab Sample ID: MB 880-123210/5-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/06/25 16:13	11/08/25 20:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/06/25 16:13	11/08/25 20:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/06/25 16:13	11/08/25 20:42	1

Lab Sample ID: LCS 880-123210/1-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1128		mg/Kg		113	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2055		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-123210/2-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1102		mg/Kg		110	70 - 130	2	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-123210/2-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1020		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130	1	35
m,p-Xylenes	0.200	0.2124		mg/Kg		106	70 - 130	3	35
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-64648-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09022		mg/Kg		90	70 - 130
Toluene	<0.00200	U F1	0.100	0.06420	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.04591	F1	mg/Kg		46	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.08757	F1	mg/Kg		44	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04030	F1	mg/Kg		40	70 - 130

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

Lab Sample ID: 880-64648-A-1-C MSD  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 123210

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	0.09649		mg/Kg		96	70 - 130	7	35
Toluene	<0.00200	U F1	0.100	0.06977		mg/Kg		70	70 - 130	8	35
Ethylbenzene	<0.00200	U F1	0.100	0.05862	F1	mg/Kg		59	70 - 130	24	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1124	F1	mg/Kg		56	70 - 130	25	35
o-Xylene	<0.00200	U F1	0.100	0.05132	F1	mg/Kg		51	70 - 130	24	35

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

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

Lab Sample ID: MB 880-123111/1-A  
 Matrix: Solid  
 Analysis Batch: 123258

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 123111

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		11/06/25 10:02	11/07/25 15:33	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

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

**Lab Sample ID: MB 880-123111/1-A**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 15:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 15:33	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	104		70 - 130	11/06/25 10:02	11/07/25 15:33	1
o-Terphenyl (Surr)	124		70 - 130	11/06/25 10:02	11/07/25 15:33	1

**Lab Sample ID: LCS 880-123111/2-A**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	905.9		mg/Kg		91	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	108		70 - 130

**Lab Sample ID: LCSD 880-123111/3-A**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	854.6		mg/Kg		85	70 - 130	6	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	119		70 - 130

**Lab Sample ID: 885-36939-A-90-B MS**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	821.7		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	786.9		mg/Kg		79	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	113		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

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

Lab Sample ID: 885-36939-A-90-C MSD  
 Matrix: Solid  
 Analysis Batch: 123258

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 123111

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	999	939.7		mg/Kg		94	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	910.0		mg/Kg		91	70 - 130	15	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>		<b>MSD</b>						<b>Limits</b>	
1-Chlorooctane (Surr)	100									70 - 130	
o-Terphenyl (Surr)	131	S1+								70 - 130	

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123235/1-A  
 Matrix: Solid  
 Analysis Batch: 123296

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			11/07/25 12:46	1

Lab Sample ID: LCS 880-123235/2-A  
 Matrix: Solid  
 Analysis Batch: 123296

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.5		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-123235/3-A  
 Matrix: Solid  
 Analysis Batch: 123296

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	235.8		mg/Kg		94	90 - 110	1	20

Lab Sample ID: 880-64649-3 MS  
 Matrix: Solid  
 Analysis Batch: 123296

Client Sample ID: H-3 (0-6")  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.96	U	249	252.5		mg/Kg		99	90 - 110

Lab Sample ID: 880-64649-3 MSD  
 Matrix: Solid  
 Analysis Batch: 123296

Client Sample ID: H-3 (0-6")  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.96	U	249	254.2		mg/Kg		100	90 - 110	1	20

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

## GC VOA

## Prep Batch: 123182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123182/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 123210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Total/NA	Solid	5035	
880-64649-2	H-2 (0-6")	Total/NA	Solid	5035	
880-64649-3	H-3 (0-6")	Total/NA	Solid	5035	
880-64649-4	H-4 (0-6")	Total/NA	Solid	5035	
880-64649-5	H-5 (0-6")	Total/NA	Solid	5035	
MB 880-123210/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-123210/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-123210/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64648-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-64648-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 123251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Total/NA	Solid	8021B	123210
880-64649-2	H-2 (0-6")	Total/NA	Solid	8021B	123210
880-64649-3	H-3 (0-6")	Total/NA	Solid	8021B	123210
880-64649-4	H-4 (0-6")	Total/NA	Solid	8021B	123210
880-64649-5	H-5 (0-6")	Total/NA	Solid	8021B	123210
MB 880-123182/5-A	Method Blank	Total/NA	Solid	8021B	123182
MB 880-123210/5-A	Method Blank	Total/NA	Solid	8021B	123210
LCS 880-123210/1-A	Lab Control Sample	Total/NA	Solid	8021B	123210
LCSD 880-123210/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123210
880-64648-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	123210
880-64648-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	123210

## Analysis Batch: 123541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Total/NA	Solid	Total BTEX	
880-64649-2	H-2 (0-6")	Total/NA	Solid	Total BTEX	
880-64649-3	H-3 (0-6")	Total/NA	Solid	Total BTEX	
880-64649-4	H-4 (0-6")	Total/NA	Solid	Total BTEX	
880-64649-5	H-5 (0-6")	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 123111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Total/NA	Solid	8015NM Prep	
880-64649-2	H-2 (0-6")	Total/NA	Solid	8015NM Prep	
880-64649-3	H-3 (0-6")	Total/NA	Solid	8015NM Prep	
880-64649-4	H-4 (0-6")	Total/NA	Solid	8015NM Prep	
880-64649-5	H-5 (0-6")	Total/NA	Solid	8015NM Prep	
MB 880-123111/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123111/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-A-90-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
885-36939-A-90-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

## GC Semi VOA

## Analysis Batch: 123258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Total/NA	Solid	8015B NM	123111
880-64649-2	H-2 (0-6")	Total/NA	Solid	8015B NM	123111
880-64649-3	H-3 (0-6")	Total/NA	Solid	8015B NM	123111
880-64649-4	H-4 (0-6")	Total/NA	Solid	8015B NM	123111
880-64649-5	H-5 (0-6")	Total/NA	Solid	8015B NM	123111
MB 880-123111/1-A	Method Blank	Total/NA	Solid	8015B NM	123111
LCS 880-123111/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123111
LCSD 880-123111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123111
885-36939-A-90-B MS	Matrix Spike	Total/NA	Solid	8015B NM	123111
885-36939-A-90-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123111

## Analysis Batch: 123613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Total/NA	Solid	8015 NM	
880-64649-2	H-2 (0-6")	Total/NA	Solid	8015 NM	
880-64649-3	H-3 (0-6")	Total/NA	Solid	8015 NM	
880-64649-4	H-4 (0-6")	Total/NA	Solid	8015 NM	
880-64649-5	H-5 (0-6")	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 123235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Soluble	Solid	DI Leach	
880-64649-2	H-2 (0-6")	Soluble	Solid	DI Leach	
880-64649-3	H-3 (0-6")	Soluble	Solid	DI Leach	
880-64649-4	H-4 (0-6")	Soluble	Solid	DI Leach	
880-64649-5	H-5 (0-6")	Soluble	Solid	DI Leach	
MB 880-123235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-64649-3 MS	H-3 (0-6")	Soluble	Solid	DI Leach	
880-64649-3 MSD	H-3 (0-6")	Soluble	Solid	DI Leach	

## Analysis Batch: 123296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64649-1	H-1 (0-6")	Soluble	Solid	300.0	123235
880-64649-2	H-2 (0-6")	Soluble	Solid	300.0	123235
880-64649-3	H-3 (0-6")	Soluble	Solid	300.0	123235
880-64649-4	H-4 (0-6")	Soluble	Solid	300.0	123235
880-64649-5	H-5 (0-6")	Soluble	Solid	300.0	123235
MB 880-123235/1-A	Method Blank	Soluble	Solid	300.0	123235
LCS 880-123235/2-A	Lab Control Sample	Soluble	Solid	300.0	123235
LCSD 880-123235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123235
880-64649-3 MS	H-3 (0-6")	Soluble	Solid	300.0	123235
880-64649-3 MSD	H-3 (0-6")	Soluble	Solid	300.0	123235

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: H-1 (0-6")**

**Lab Sample ID: 880-64649-1**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 23:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123541	11/08/25 23:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			123613	11/07/25 20:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123111	11/06/25 10:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123258	11/07/25 20:53	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 14:04	CS	EET MID

**Client Sample ID: H-2 (0-6")**

**Lab Sample ID: 880-64649-2**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/09/25 00:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123541	11/09/25 00:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			123613	11/07/25 21:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	123111	11/06/25 10:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123258	11/07/25 21:09	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 14:10	CS	EET MID

**Client Sample ID: H-3 (0-6")**

**Lab Sample ID: 880-64649-3**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/09/25 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123541	11/09/25 01:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			123613	11/07/25 21:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123111	11/06/25 10:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123258	11/07/25 21:24	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 14:15	CS	EET MID

**Client Sample ID: H-4 (0-6")**

**Lab Sample ID: 880-64649-4**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/09/25 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123541	11/09/25 02:01	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
 SDG: Eddy County, New Mexico

**Client Sample ID: H-4 (0-6")**

**Lab Sample ID: 880-64649-4**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			123613	11/07/25 21:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	123111	11/06/25 10:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123258	11/07/25 21:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 14:30	CS	EET MID

**Client Sample ID: H-5 (0-6")**

**Lab Sample ID: 880-64649-5**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/09/25 02:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123541	11/09/25 02:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			123613	11/07/25 21:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123111	11/06/25 10:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123258	11/07/25 21:54	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 14:36	CS	EET MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
SDG: Eddy County, New Mexico

#### Laboratory: Eurofins Midland

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

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

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

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

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### Method Summary

Client: Carmona Resources  
Project/Site: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
SDG: Eddy 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: Cypress fee 23-27-9 CTB

Job ID: 880-64649-1  
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-64649-1	H-1 (0-6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64649-2	H-2 (0-6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64649-3	H-3 (0-6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64649-4	H-4 (0-6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64649-5	H-5 (0-6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico

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Chain of Custody



880-64649 Chain of Custody

Page 1 of 1

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

Bill to: (if different)  
 Company Name: Carmona Resources  
 Address:  
 City, State ZIP:

Work Order Comments  
 Program:  UST/PST  PRP  Brownfields  RRC  Superfund  
 State of Project:  
 Reporting: Level II  Level III  P-ST/UST  TRRP  Level IV   
 Deliverables: EDD  ADaPT  Other:

Project Name: Cypress Fee 23-27-9 CTB  
 Project Number: 3045  
 Project Location: Eddy County, New Mexico  
 Sampler's Name: CMM

Turn Around  
 Routine  Rush  
 Due Date: 72 Hour TAT

Temp Blank: Yes  No   
 Temp Blank: Yes  No   
 Thermometer ID: *11084*  
 Correction Factor: *0.1*  
 Sample Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Corrected Temperature: *11.0*

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code	ANALYSIS REQUEST										Preservative Codes	Sample Comments						
							TPH 8015M (GRO + DRO + MRO)	BTEX 8021B		Chloride 300.0	None: NO	DI Water: H <sub>2</sub> O	Cool: Cool	MeOH: Me	HCL: HC	HNO <sub>3</sub> : HN	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na	H <sub>3</sub> PO <sub>4</sub> : HP			NaHSO <sub>4</sub> : NABIS	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	Zn Acetate+NaOH: Zn	NaOH+Ascorbic Acid: SACP		
H-1 (0-6")	10/31/2025		X		G	1	X	X																			
H-2 (0-6")	10/31/2025		X		G	1	X	X																			
H-3 (0-6")	10/31/2025		X		G	1	X	X																			
H-4 (0-6")	10/31/2025		X		G	1	X	X																			
H-5 (0-6")	10/31/2025		X		G	1	X	X																			

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

Relinquished by: (Signature) *Conner Moehring*

Received by: (Signature) *[Signature]*

Date/Time: 11/6/25 12:00

Date/Time: 11/6/25 12:00



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-64649-1  
SDG Number: Eddy County, New Mexico

**Login Number: 64649**

**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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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 11/11/2025 9:29:29 AM Revision 1

## JOB DESCRIPTION

Cypress Fee 23-27-9 CTB  
 3045

## JOB NUMBER

880-64648-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



# Eurofins Midland

## Job Notes

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

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

## Authorization



Generated  
11/11/2025 9:29:29 AM  
Revision 1

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

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Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Laboratory Job ID: 880-64648-1  
SDG: 3045

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
SDG: 3045

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1

**Job ID: 880-64648-1**

**Eurofins Midland**

**Job Narrative  
880-64648-1**

## REVISION

The report being provided is a revision of the original report sent on 11/10/2025. The report (revision 1) is being revised due to Per client email, requesting Total TPHs to be reviewed.

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 11/6/2025 12:00 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.2°C.

## **GC VOA**

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-123210 and analytical batch 880-123251 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: Surrogate recovery for the following samples were outside control limits: S-1 (0-3") (880-64648-1) and (885-36939-A-90-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

## **HPLC/IC**

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

Eurofins Midland

## Client Sample Results

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTBJob ID: 880-64648-1  
SDG: 3045

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

Lab Sample ID: 880-64648-1

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 21:04	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		11/06/25 16:13	11/08/25 21:04	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		11/06/25 16:13	11/08/25 21:04	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		11/06/25 16:13	11/08/25 21:04	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		11/06/25 16:13	11/08/25 21:04	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		11/06/25 16:13	11/08/25 21:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/06/25 16:13	11/08/25 21:04	1
1,4-Difluorobenzene (Surr)	103		70 - 130	11/06/25 16:13	11/08/25 21:04	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			11/08/25 21:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1020		49.8		mg/Kg			11/07/25 18:04	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		11/06/25 10:02	11/07/25 18:04	1
Diesel Range Organics (Over C10-C28)	1020		49.8		mg/Kg		11/06/25 10:02	11/07/25 18:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/06/25 10:02	11/07/25 18:04	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	102		70 - 130	11/06/25 10:02	11/07/25 18:04	1			
o-Terphenyl (Surr)	160	S1+	70 - 130	11/06/25 10:02	11/07/25 18:04	1			

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.3		10.0		mg/Kg			11/07/25 13:01	1

Client Sample ID: S-1 (6")

Lab Sample ID: 880-64648-2

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 21:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 21:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 21:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/06/25 16:13	11/08/25 21:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/06/25 16:13	11/08/25 21:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/06/25 16:13	11/08/25 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	11/06/25 16:13	11/08/25 21:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 16:13	11/08/25 21:24	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

**Client Sample ID: S-1 (6")**  
 Date Collected: 10/31/25 00:00  
 Date Received: 11/06/25 12:00

**Lab Sample ID: 880-64648-2**  
 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			11/08/25 21:24	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			11/07/25 12:10	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		11/06/25 17:01	11/07/25 12:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 17:01	11/07/25 12:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 17:01	11/07/25 12:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	88		70 - 130				11/06/25 17:01	11/07/25 12:10	1
o-Terphenyl (Surr)	100		70 - 130				11/06/25 17:01	11/07/25 12:10	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			11/07/25 13:17	1

**Client Sample ID: S-2 (0-3")**  
 Date Collected: 10/31/25 00:00  
 Date Received: 11/06/25 12:00

**Lab Sample ID: 880-64648-3**  
 Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 21:45	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 21:45	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 21:45	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/06/25 16:13	11/08/25 21:45	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 21:45	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/06/25 16:13	11/08/25 21:45	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		70 - 130				11/06/25 16:13	11/08/25 21:45	1
1,4-Difluorobenzene (Surr)	101		70 - 130				11/06/25 16:13	11/08/25 21:45	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			11/08/25 21:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1480		49.8		mg/Kg			11/07/25 12:24	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		11/06/25 17:01	11/07/25 12:24	1
Diesel Range Organics (Over C10-C28)	1180		49.8		mg/Kg		11/06/25 17:01	11/07/25 12:24	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
SDG: 3045

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

Lab Sample ID: 880-64648-3

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	297		49.8		mg/Kg		11/06/25 17:01	11/07/25 12:24	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	87		70 - 130				11/06/25 17:01	11/07/25 12:24	1
o-Terphenyl (Surr)	137	S1+	70 - 130				11/06/25 17:01	11/07/25 12:24	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.0		10.1		mg/Kg			11/07/25 13:22	1

Client Sample ID: S-2 (6")

Lab Sample ID: 880-64648-4

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 22:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 22:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 22:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/08/25 22:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 22:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/08/25 22:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		70 - 130				11/06/25 16:13	11/08/25 22:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130				11/06/25 16:13	11/08/25 22:05	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			11/08/25 22:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			11/07/25 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		11/06/25 17:01	11/07/25 12:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		11/06/25 17:01	11/07/25 12:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		11/06/25 17:01	11/07/25 12:38	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	87		70 - 130				11/06/25 17:01	11/07/25 12:38	1
o-Terphenyl (Surr)	97		70 - 130				11/06/25 17:01	11/07/25 12:38	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			11/07/25 13:28	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTBJob ID: 880-64648-1  
SDG: 3045

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

Lab Sample ID: 880-64648-5

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 22:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 22:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 22:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/06/25 16:13	11/08/25 22:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 22:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/06/25 16:13	11/08/25 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/06/25 16:13	11/08/25 22:25	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/06/25 16:13	11/08/25 22:25	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			11/08/25 22:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1270		50.0		mg/Kg			11/07/25 12:54	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		11/06/25 17:01	11/07/25 12:54	1
Diesel Range Organics (Over C10-C28)	1030		50.0		mg/Kg		11/06/25 17:01	11/07/25 12:54	1
Oil Range Organics (Over C28-C36)	238		50.0		mg/Kg		11/06/25 17:01	11/07/25 12:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	11/06/25 17:01	11/07/25 12:54	1
o-Terphenyl (Surr)	129		70 - 130	11/06/25 17:01	11/07/25 12:54	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		9.98		mg/Kg			11/07/25 13:33	1

Client Sample ID: S-3 (6")

Lab Sample ID: 880-64648-6

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 22:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 22:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 22:46	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		11/06/25 16:13	11/08/25 22:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/06/25 16:13	11/08/25 22:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/06/25 16:13	11/08/25 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	11/06/25 16:13	11/08/25 22:46	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 16:13	11/08/25 22:46	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

**Client Sample ID: S-3 (6")**  
 Date Collected: 10/31/25 00:00  
 Date Received: 11/06/25 12:00

**Lab Sample ID: 880-64648-6**  
 Matrix: Solid

**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			11/08/25 22:46	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			11/07/25 13:09	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		11/06/25 17:01	11/07/25 13:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/06/25 17:01	11/07/25 13:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/06/25 17:01	11/07/25 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	11/06/25 17:01	11/07/25 13:09	1
o-Terphenyl (Surr)	94		70 - 130	11/06/25 17:01	11/07/25 13:09	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.7		9.94		mg/Kg			11/07/25 13:49	1

**Client Sample ID: S-4 (0-3")**

Date Collected: 10/31/25 00:00  
 Date Received: 11/06/25 12:00

**Lab Sample ID: 880-64648-7**  
 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		11/06/25 16:13	11/08/25 23:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 23:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 23:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/08/25 23:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/06/25 16:13	11/08/25 23:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/06/25 16:13	11/08/25 23:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/06/25 16:13	11/08/25 23:07	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/06/25 16:13	11/08/25 23:07	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			11/08/25 23:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2330		50.0		mg/Kg			11/07/25 13:23	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		11/06/25 17:01	11/07/25 13:23	1
Diesel Range Organics (Over C10-C28)	1930		50.0		mg/Kg		11/06/25 17:01	11/07/25 13:23	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTBJob ID: 880-64648-1  
SDG: 3045

## Client Sample ID: S-4 (0-3")

Date Collected: 10/31/25 00:00

Date Received: 11/06/25 12:00

## Lab Sample ID: 880-64648-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	401		50.0		mg/Kg		11/06/25 17:01	11/07/25 13:23	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	83		70 - 130				11/06/25 17:01	11/07/25 13:23	1
o-Terphenyl (Surr)	159	S1+	70 - 130				11/06/25 17:01	11/07/25 13:23	1

## Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.9		9.96		mg/Kg			11/07/25 13:54	1

## Client Sample ID: S-4 (6")

Date Collected: 10/31/25 00:00

Date Received: 11/06/25 12:00

## Lab Sample ID: 880-64648-8

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		11/06/25 16:13	11/08/25 23:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 23:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 23:27	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/06/25 16:13	11/08/25 23:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 23:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/06/25 16:13	11/08/25 23:27	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		70 - 130				11/06/25 16:13	11/08/25 23:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/06/25 16:13	11/08/25 23:27	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			11/08/25 23:27	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			11/07/25 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/06/25 17:01	11/07/25 13:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/06/25 17:01	11/07/25 13:37	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/06/25 17:01	11/07/25 13:37	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	83		70 - 130				11/06/25 17:01	11/07/25 13:37	1
o-Terphenyl (Surr)	93		70 - 130				11/06/25 17:01	11/07/25 13:37	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			11/07/25 13:59	1

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## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-64648-1	S-1 (0-3")	100	103
880-64648-1 MS	S-1 (0-3")	100	101
880-64648-1 MSD	S-1 (0-3")	98	105
880-64648-2	S-1 (6")	104	96
880-64648-3	S-2 (0-3")	102	101
880-64648-4	S-2 (6")	102	99
880-64648-5	S-3 (0-3")	103	99
880-64648-6	S-3 (6")	104	96
880-64648-7	S-4 (0-3")	103	99
880-64648-8	S-4 (6")	102	100
LCS 880-123210/1-A	Lab Control Sample	100	101
LCSD 880-123210/2-A	Lab Control Sample Dup	105	99
MB 880-123182/5-A	Method Blank	112	96
MB 880-123210/5-A	Method Blank	108	93

## 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)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-64648-1	S-1 (0-3")	102	160 S1+
880-64648-2	S-1 (6")	88	100
880-64648-3	S-2 (0-3")	87	137 S1+
880-64648-4	S-2 (6")	87	97
880-64648-5	S-3 (0-3")	85	129
880-64648-6	S-3 (6")	85	94
880-64648-7	S-4 (0-3")	83	159 S1+
880-64648-8	S-4 (6")	83	93
885-36939-A-90-B MS	Matrix Spike	91	113
885-36939-A-90-C MSD	Matrix Spike Duplicate	100	131 S1+
890-9037-A-1-B MS	Matrix Spike	114	118
890-9037-A-1-C MSD	Matrix Spike Duplicate	113	117
LCS 880-123111/2-A	Lab Control Sample	86	108
LCS 880-123218/2-A	Lab Control Sample	104	106
LCSD 880-123111/3-A	Lab Control Sample Dup	91	119
LCSD 880-123218/3-A	Lab Control Sample Dup	106	107
MB 880-123111/1-A	Method Blank	104	124
MB 880-123218/1-A	Method Blank	103	118

## Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

Lab Sample ID: MB 880-123182/5-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 123182

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 13:29	11/08/25 09:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/06/25 13:29	11/08/25 09:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/06/25 13:29	11/08/25 09:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/06/25 13:29	11/08/25 09:30	1

Lab Sample ID: MB 880-123210/5-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/06/25 16:13	11/08/25 20:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/06/25 16:13	11/08/25 20:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	11/06/25 16:13	11/08/25 20:42	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/06/25 16:13	11/08/25 20:42	1

Lab Sample ID: LCS 880-123210/1-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1128		mg/Kg		113	70 - 130
Toluene	0.100	0.1019		mg/Kg		102	70 - 130
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2055		mg/Kg		103	70 - 130
o-Xylene	0.100	0.1003		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-123210/2-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1102		mg/Kg		110	70 - 130	2	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

Lab Sample ID: LCSD 880-123210/2-A  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1020		mg/Kg		102	70 - 130	0	35
Ethylbenzene	0.100	0.1044		mg/Kg		104	70 - 130	1	35
m,p-Xylenes	0.200	0.2124		mg/Kg		106	70 - 130	3	35
o-Xylene	0.100	0.1029		mg/Kg		103	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-64648-1 MS  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: S-1 (0-3")  
 Prep Type: Total/NA  
 Prep Batch: 123210

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09022		mg/Kg		90	70 - 130
Toluene	<0.00200	U F1	0.100	0.06420	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.04591	F1	mg/Kg		46	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.08757	F1	mg/Kg		44	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.04030	F1	mg/Kg		40	70 - 130

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

Lab Sample ID: 880-64648-1 MSD  
 Matrix: Solid  
 Analysis Batch: 123251

Client Sample ID: S-1 (0-3")  
 Prep Type: Total/NA  
 Prep Batch: 123210

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	0.09649		mg/Kg		96	70 - 130	7	35
Toluene	<0.00200	U F1	0.100	0.06977		mg/Kg		70	70 - 130	8	35
Ethylbenzene	<0.00200	U F1	0.100	0.05862	F1	mg/Kg		59	70 - 130	24	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1124	F1	mg/Kg		56	70 - 130	25	35
o-Xylene	<0.00200	U F1	0.100	0.05132	F1	mg/Kg		51	70 - 130	24	35

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

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

Lab Sample ID: MB 880-123111/1-A  
 Matrix: Solid  
 Analysis Batch: 123258

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 123111

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		11/06/25 10:02	11/07/25 15:33	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

**Lab Sample ID: MB 880-123111/1-A**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 15:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 10:02	11/07/25 15:33	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	104		70 - 130	11/06/25 10:02	11/07/25 15:33	1
o-Terphenyl (Surr)	124		70 - 130	11/06/25 10:02	11/07/25 15:33	1

**Lab Sample ID: LCS 880-123111/2-A**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1139		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)	1000	905.9		mg/Kg		91	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	108		70 - 130

**Lab Sample ID: LCSD 880-123111/3-A**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1037		mg/Kg		104	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	854.6		mg/Kg		85	70 - 130	6	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	119		70 - 130

**Lab Sample ID: 885-36939-A-90-B MS**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	Limits
				Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	821.7		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	786.9		mg/Kg		79	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	113		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

**Lab Sample ID: 885-36939-A-90-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 123258**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 123111**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	939.7		mg/Kg		94	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	910.0		mg/Kg		91	70 - 130	15	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
1-Chlorooctane (Surr)	100		70 - 130								
o-Terphenyl (Surr)	131	S1+	70 - 130								

**Lab Sample ID: MB 880-123218/1-A**  
**Matrix: Solid**  
**Analysis Batch: 123328**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 123218**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/06/25 17:01	11/07/25 09:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/06/25 17:01	11/07/25 09:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/06/25 17:01	11/07/25 09:09	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
1-Chlorooctane (Surr)	103		70 - 130			11/06/25 17:01	11/07/25 09:09	1	
o-Terphenyl (Surr)	118		70 - 130			11/06/25 17:01	11/07/25 09:09	1	

**Lab Sample ID: LCS 880-123218/2-A**  
**Matrix: Solid**  
**Analysis Batch: 123328**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 123218**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	Limit
							Result	
Gasoline Range Organics (GRO)-C6-C10	1000	1194		mg/Kg		119	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1159		mg/Kg		116	70 - 130	
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>					
1-Chlorooctane (Surr)	104		70 - 130					
o-Terphenyl (Surr)	106		70 - 130					

**Lab Sample ID: LCSD 880-123218/3-A**  
**Matrix: Solid**  
**Analysis Batch: 123328**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 123218**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Result	Qualifier	
Gasoline Range Organics (GRO)-C6-C10	1000	1208		mg/Kg		121	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1188		mg/Kg		119	70 - 130	2	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

Lab Sample ID: LCSD 880-123218/3-A  
 Matrix: Solid  
 Analysis Batch: 123328

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 123218

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	107		70 - 130

Lab Sample ID: 890-9037-A-1-B MS  
 Matrix: Solid  
 Analysis Batch: 123328

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 123218

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	873.2		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	968.6		mg/Kg		97	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: 890-9037-A-1-C MSD  
 Matrix: Solid  
 Analysis Batch: 123328

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 123218

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	<50.0	U	997	884.8		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	994.7		mg/Kg		100	70 - 130	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	117		70 - 130

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-123235/1-A  
 Matrix: Solid  
 Analysis Batch: 123296

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			11/07/25 12:46	1

Lab Sample ID: LCS 880-123235/2-A  
 Matrix: Solid  
 Analysis Batch: 123296

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.5		mg/Kg		93	90 - 110

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

**Method: 300.0 - Anions, Ion Chromatography (Continued)**

**Lab Sample ID: LCSD 880-123235/3-A**  
**Matrix: Solid**  
**Analysis Batch: 123296**

**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	235.8		mg/Kg		94	90 - 110	1	20

**Lab Sample ID: 880-64648-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 123296**

**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	25.3		251	259.6		mg/Kg		94	90 - 110

**Lab Sample ID: 880-64648-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 123296**

**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	25.3		251	260.7		mg/Kg		94	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

## GC VOA

## Prep Batch: 123182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123182/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 123210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Total/NA	Solid	5035	
880-64648-2	S-1 (6")	Total/NA	Solid	5035	
880-64648-3	S-2 (0-3")	Total/NA	Solid	5035	
880-64648-4	S-2 (6")	Total/NA	Solid	5035	
880-64648-5	S-3 (0-3")	Total/NA	Solid	5035	
880-64648-6	S-3 (6")	Total/NA	Solid	5035	
880-64648-7	S-4 (0-3")	Total/NA	Solid	5035	
880-64648-8	S-4 (6")	Total/NA	Solid	5035	
MB 880-123210/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-123210/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-123210/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-64648-1 MS	S-1 (0-3")	Total/NA	Solid	5035	
880-64648-1 MSD	S-1 (0-3")	Total/NA	Solid	5035	

## Analysis Batch: 123251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Total/NA	Solid	8021B	123210
880-64648-2	S-1 (6")	Total/NA	Solid	8021B	123210
880-64648-3	S-2 (0-3")	Total/NA	Solid	8021B	123210
880-64648-4	S-2 (6")	Total/NA	Solid	8021B	123210
880-64648-5	S-3 (0-3")	Total/NA	Solid	8021B	123210
880-64648-6	S-3 (6")	Total/NA	Solid	8021B	123210
880-64648-7	S-4 (0-3")	Total/NA	Solid	8021B	123210
880-64648-8	S-4 (6")	Total/NA	Solid	8021B	123210
MB 880-123182/5-A	Method Blank	Total/NA	Solid	8021B	123182
MB 880-123210/5-A	Method Blank	Total/NA	Solid	8021B	123210
LCS 880-123210/1-A	Lab Control Sample	Total/NA	Solid	8021B	123210
LCS 880-123210/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	123210
880-64648-1 MS	S-1 (0-3")	Total/NA	Solid	8021B	123210
880-64648-1 MSD	S-1 (0-3")	Total/NA	Solid	8021B	123210

## Analysis Batch: 123540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Total/NA	Solid	Total BTEX	
880-64648-2	S-1 (6")	Total/NA	Solid	Total BTEX	
880-64648-3	S-2 (0-3")	Total/NA	Solid	Total BTEX	
880-64648-4	S-2 (6")	Total/NA	Solid	Total BTEX	
880-64648-5	S-3 (0-3")	Total/NA	Solid	Total BTEX	
880-64648-6	S-3 (6")	Total/NA	Solid	Total BTEX	
880-64648-7	S-4 (0-3")	Total/NA	Solid	Total BTEX	
880-64648-8	S-4 (6")	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 123111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTBJob ID: 880-64648-1  
SDG: 3045

## GC Semi VOA (Continued)

## Prep Batch: 123111 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-123111/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123111/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
885-36939-A-90-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
885-36939-A-90-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Prep Batch: 123218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-2	S-1 (6")	Total/NA	Solid	8015NM Prep	
880-64648-3	S-2 (0-3")	Total/NA	Solid	8015NM Prep	
880-64648-4	S-2 (6")	Total/NA	Solid	8015NM Prep	
880-64648-5	S-3 (0-3")	Total/NA	Solid	8015NM Prep	
880-64648-6	S-3 (6")	Total/NA	Solid	8015NM Prep	
880-64648-7	S-4 (0-3")	Total/NA	Solid	8015NM Prep	
880-64648-8	S-4 (6")	Total/NA	Solid	8015NM Prep	
MB 880-123218/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-123218/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-123218/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9037-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9037-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 123258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Total/NA	Solid	8015B NM	123111
MB 880-123111/1-A	Method Blank	Total/NA	Solid	8015B NM	123111
LCS 880-123111/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123111
LCSD 880-123111/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123111
885-36939-A-90-B MS	Matrix Spike	Total/NA	Solid	8015B NM	123111
885-36939-A-90-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123111

## Analysis Batch: 123328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-2	S-1 (6")	Total/NA	Solid	8015B NM	123218
880-64648-3	S-2 (0-3")	Total/NA	Solid	8015B NM	123218
880-64648-4	S-2 (6")	Total/NA	Solid	8015B NM	123218
880-64648-5	S-3 (0-3")	Total/NA	Solid	8015B NM	123218
880-64648-6	S-3 (6")	Total/NA	Solid	8015B NM	123218
880-64648-7	S-4 (0-3")	Total/NA	Solid	8015B NM	123218
880-64648-8	S-4 (6")	Total/NA	Solid	8015B NM	123218
MB 880-123218/1-A	Method Blank	Total/NA	Solid	8015B NM	123218
LCS 880-123218/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	123218
LCSD 880-123218/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	123218
890-9037-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	123218
890-9037-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	123218

## Analysis Batch: 123363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Total/NA	Solid	8015 NM	
880-64648-2	S-1 (6")	Total/NA	Solid	8015 NM	
880-64648-3	S-2 (0-3")	Total/NA	Solid	8015 NM	
880-64648-4	S-2 (6")	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

## GC Semi VOA (Continued)

## Analysis Batch: 123363 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-5	S-3 (0-3")	Total/NA	Solid	8015 NM	
880-64648-6	S-3 (6")	Total/NA	Solid	8015 NM	
880-64648-7	S-4 (0-3")	Total/NA	Solid	8015 NM	
880-64648-8	S-4 (6")	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 123235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Soluble	Solid	DI Leach	
880-64648-2	S-1 (6")	Soluble	Solid	DI Leach	
880-64648-3	S-2 (0-3")	Soluble	Solid	DI Leach	
880-64648-4	S-2 (6")	Soluble	Solid	DI Leach	
880-64648-5	S-3 (0-3")	Soluble	Solid	DI Leach	
880-64648-6	S-3 (6")	Soluble	Solid	DI Leach	
880-64648-7	S-4 (0-3")	Soluble	Solid	DI Leach	
880-64648-8	S-4 (6")	Soluble	Solid	DI Leach	
MB 880-123235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-123235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-123235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-64648-1 MS	S-1 (0-3")	Soluble	Solid	DI Leach	
880-64648-1 MSD	S-1 (0-3")	Soluble	Solid	DI Leach	

## Analysis Batch: 123296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64648-1	S-1 (0-3")	Soluble	Solid	300.0	123235
880-64648-2	S-1 (6")	Soluble	Solid	300.0	123235
880-64648-3	S-2 (0-3")	Soluble	Solid	300.0	123235
880-64648-4	S-2 (6")	Soluble	Solid	300.0	123235
880-64648-5	S-3 (0-3")	Soluble	Solid	300.0	123235
880-64648-6	S-3 (6")	Soluble	Solid	300.0	123235
880-64648-7	S-4 (0-3")	Soluble	Solid	300.0	123235
880-64648-8	S-4 (6")	Soluble	Solid	300.0	123235
MB 880-123235/1-A	Method Blank	Soluble	Solid	300.0	123235
LCS 880-123235/2-A	Lab Control Sample	Soluble	Solid	300.0	123235
LCSD 880-123235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	123235
880-64648-1 MS	S-1 (0-3")	Soluble	Solid	300.0	123235
880-64648-1 MSD	S-1 (0-3")	Soluble	Solid	300.0	123235

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

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

**Lab Sample ID: 880-64648-1**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 21:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 21:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 18:04	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	123111	11/06/25 10:02	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123258	11/07/25 18:04	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:01	CS	EET MID

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

**Lab Sample ID: 880-64648-2**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 21:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 12:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 12:10	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:17	CS	EET MID

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

**Lab Sample ID: 880-64648-3**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 21:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 21:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 12:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 12:24	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:22	CS	EET MID

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

**Lab Sample ID: 880-64648-4**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 22:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 22:05	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

**Client Sample ID: S-2 (6")**  
**Date Collected: 10/31/25 00:00**  
**Date Received: 11/06/25 12:00**

**Lab Sample ID: 880-64648-4**  
**Matrix: Solid**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			123363	11/07/25 12:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 12:38	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:28	CS	EET MID

**Client Sample ID: S-3 (0-3")**  
**Date Collected: 10/31/25 00:00**  
**Date Received: 11/06/25 12:00**

**Lab Sample ID: 880-64648-5**  
**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	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 22:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 22:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 12:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 12:54	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:33	CS	EET MID

**Client Sample ID: S-3 (6")**  
**Date Collected: 10/31/25 00:00**  
**Date Received: 11/06/25 12:00**

**Lab Sample ID: 880-64648-6**  
**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			4.95 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 22:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 22:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 13:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 13:09	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:49	CS	EET MID

**Client Sample ID: S-4 (0-3")**  
**Date Collected: 10/31/25 00:00**  
**Date Received: 11/06/25 12:00**

**Lab Sample ID: 880-64648-7**  
**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			5.03 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 23:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 23:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 13:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 13:23	FC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
 SDG: 3045

**Client Sample ID: S-4 (0-3")**

**Lab Sample ID: 880-64648-7**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.02 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:54	CS	EET MID

**Client Sample ID: S-4 (6")**

**Lab Sample ID: 880-64648-8**

Date Collected: 10/31/25 00:00

Matrix: Solid

Date Received: 11/06/25 12:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	123210	11/06/25 16:13	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	123251	11/08/25 23:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			123540	11/08/25 23:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			123363	11/07/25 13:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	123218	11/06/25 17:01	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	123328	11/07/25 13:37	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	123235	11/07/25 08:08	SA	EET MID
Soluble	Analysis	300.0		1			123296	11/07/25 13:59	CS	EET MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
SDG: 3045

#### 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

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

# Method Summary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
SDG: 3045

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: Cypress Fee 23-27-9 CTB

Job ID: 880-64648-1  
SDG: 3045

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-64648-1	S-1 (0-3")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-2	S-1 (6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-3	S-2 (0-3")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-4	S-2 (6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-5	S-3 (0-3")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-6	S-3 (6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-7	S-4 (0-3")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico
880-64648-8	S-4 (6")	Solid	10/31/25 00:00	11/06/25 12:00	New Mexico

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-64648-1

SDG Number: 3045

**Login Number: 64648**

**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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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 12/22/2025 3:28:58 PM

## JOB DESCRIPTION

Cypress Fee 23-27-9 CTB  
 0345

## JOB NUMBER

880-66384-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



# Eurofins Midland

## Job Notes

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

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

## Authorization



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

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Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Laboratory Job ID: 880-66384-1  
SDG: 0345

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

## Qualifiers

## GC VOA

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

## GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
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  
Project: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1

**Job ID: 880-66384-1**

**Eurofins Midland**

## Job Narrative 880-66384-1

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 12/19/2025 12:47 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -5.7°C.

### GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-127151 and 880-127272 and analytical batch 880-127349 was outside the upper control limits.

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

### Diesel Range Organics

Method 8015MOD\_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-127193 and analytical batch 880-127231 recovered outside control limits for the following analytes: Diesel Range Organics (Over C10-C28).

Method 8015MOD\_NM: The matrix spike (MS) recoveries for preparation batch 880-127193 and analytical batch 880-127231 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.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

**Client Sample ID: Backfill**

**Lab Sample ID: 880-66384-1**

Date Collected: 12/17/25 00:00

Matrix: Solid

Date Received: 12/19/25 12:47

**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		12/21/25 17:00	12/21/25 23:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/21/25 17:00	12/21/25 23:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/21/25 17:00	12/21/25 23:52	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/21/25 17:00	12/21/25 23:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/21/25 17:00	12/21/25 23:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/21/25 17:00	12/21/25 23:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/21/25 17:00	12/21/25 23:52	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/21/25 17:00	12/21/25 23:52	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			12/21/25 23:52	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			12/19/25 20:35	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		12/19/25 07:39	12/19/25 20:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U *1	50.0		mg/Kg		12/19/25 07:39	12/19/25 20:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 07:39	12/19/25 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	12/19/25 07:39	12/19/25 20:35	1
o-Terphenyl (Surr)	103		70 - 130	12/19/25 07:39	12/19/25 20:35	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.2		10.0		mg/Kg			12/20/25 17:17	1

## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-66319-A-31-E MS	Matrix Spike	115	100
880-66319-A-31-F MSD	Matrix Spike Duplicate	114	106
880-66384-1	Backfill	113	108
LCS 880-127272/1-A	Lab Control Sample	111	95
LCSD 880-127272/2-A	Lab Control Sample Dup	113	99
MB 880-127151/5-A	Method Blank	162 S1+	97
MB 880-127272/5-A	Method Blank	158 S1+	90

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-66383-A-1-B MS	Matrix Spike	122	108
880-66383-A-1-C MSD	Matrix Spike Duplicate	125	108
880-66384-1	Backfill	105	103
LCS 880-127193/2-A	Lab Control Sample	119	104
LCSD 880-127193/3-A	Lab Control Sample Dup	109	97
MB 880-127193/1-A	Method Blank	93	86

## Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

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

Lab Sample ID: MB 880-127151/5-A  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127151

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/18/25 15:38	12/21/25 11:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/18/25 15:38	12/21/25 11:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/18/25 15:38	12/21/25 11:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/18/25 15:38	12/21/25 11:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/18/25 15:38	12/21/25 11:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/18/25 15:38	12/21/25 11:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				12/18/25 15:38	12/21/25 11:26	1
1,4-Difluorobenzene (Surr)	97		70 - 130				12/18/25 15:38	12/21/25 11:26	1

Lab Sample ID: MB 880-127272/5-A  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127272

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:16	12/21/25 23:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:16	12/21/25 23:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:16	12/21/25 23:03	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/19/25 13:16	12/21/25 23:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:16	12/21/25 23:03	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/19/25 13:16	12/21/25 23:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130				12/19/25 13:16	12/21/25 23:03	1
1,4-Difluorobenzene (Surr)	90		70 - 130				12/19/25 13:16	12/21/25 23:03	1

Lab Sample ID: LCS 880-127272/1-A  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 127272

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1098		mg/Kg		110	70 - 130
m,p-Xylenes	0.200	0.2222		mg/Kg		111	70 - 130
o-Xylene	0.100	0.1151		mg/Kg		115	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	111		70 - 130				
1,4-Difluorobenzene (Surr)	95		70 - 130				

Lab Sample ID: LCSD 880-127272/2-A  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127272

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.1058		mg/Kg		106	70 - 130	4	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

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

Lab Sample ID: LCSD 880-127272/2-A  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127272

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Toluene	0.100	0.1066		mg/Kg		107	70 - 130	5	35	
Ethylbenzene	0.100	0.1074		mg/Kg		107	70 - 130	2	35	
m,p-Xylenes	0.200	0.2089		mg/Kg		104	70 - 130	6	35	
o-Xylene	0.100	0.1216		mg/Kg		122	70 - 130	5	35	
<b>LCSD LCSD</b>										
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	113		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: 880-66319-A-31-E MS  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 127272

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U	0.100	0.09254		mg/Kg		93	70 - 130	
Toluene	<0.00200	U	0.100	0.08380		mg/Kg		84	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.07130		mg/Kg		71	70 - 130	
m,p-Xylenes	<0.00399	U	0.200	0.1761		mg/Kg		88	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09934		mg/Kg		99	70 - 130	
<b>MS MS</b>										
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
4-Bromofluorobenzene (Surr)	115		70 - 130							
1,4-Difluorobenzene (Surr)	100		70 - 130							

Lab Sample ID: 880-66319-A-31-F MSD  
 Matrix: Solid  
 Analysis Batch: 127349

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127272

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	0.09682		mg/Kg		97	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.08175		mg/Kg		82	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.06958		mg/Kg		70	70 - 130	2	35
m,p-Xylenes	<0.00399	U	0.200	0.1828		mg/Kg		91	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130	3	35
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	114		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

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

Lab Sample ID: MB 880-127193/1-A  
 Matrix: Solid  
 Analysis Batch: 127231

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127193

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 07:39	12/19/25 17:16	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

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

**Lab Sample ID: MB 880-127193/1-A**  
**Matrix: Solid**  
**Analysis Batch: 127231**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127193**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 07:39	12/19/25 17:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 07:39	12/19/25 17:16	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	93		70 - 130	12/19/25 07:39	12/19/25 17:16	1
o-Terphenyl (Surr)	86		70 - 130	12/19/25 07:39	12/19/25 17:16	1

**Lab Sample ID: LCS 880-127193/2-A**  
**Matrix: Solid**  
**Analysis Batch: 127231**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127193**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1128		mg/Kg		113	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	104		70 - 130

**Lab Sample ID: LCSD 880-127193/3-A**  
**Matrix: Solid**  
**Analysis Batch: 127231**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127193**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	780.8		mg/Kg		78	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	1000	892.6	*1	mg/Kg		89	70 - 130	23	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	97		70 - 130

**Lab Sample ID: 880-66383-A-1-B MS**  
**Matrix: Solid**  
**Analysis Batch: 127231**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127193**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	680.0	F1	mg/Kg		68	70 - 130
Diesel Range Organics (Over C10-C28)	125	*1	999	917.5		mg/Kg		79	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Eurofins Midland

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

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

Lab Sample ID: 880-66383-A-1-C MSD  
 Matrix: Solid  
 Analysis Batch: 127231

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127193

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	706.2		mg/Kg		71	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	125	*1	999	945.6		mg/Kg		82	70 - 130	3	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>		<b>MSD</b>							<b>Limits</b>
1-Chlorooctane (Surr)	125										70 - 130
o-Terphenyl (Surr)	108										70 - 130

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-127305/1-A  
 Matrix: Solid  
 Analysis Batch: 127331

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			12/20/25 14:50	1

Lab Sample ID: LCS 880-127305/2-A  
 Matrix: Solid  
 Analysis Batch: 127331

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-127305/3-A  
 Matrix: Solid  
 Analysis Batch: 127331

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	245.1		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-66383-A-1-H MS  
 Matrix: Solid  
 Analysis Batch: 127331

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	58.3		250	317.9		mg/Kg		104	90 - 110

Lab Sample ID: 880-66383-A-1-I MSD  
 Matrix: Solid  
 Analysis Batch: 127331

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	58.3		250	319.4		mg/Kg		104	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
SDG: 0345

## GC VOA

## Prep Batch: 127151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127151/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 127272

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Total/NA	Solid	5035	
MB 880-127272/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127272/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127272/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66319-A-31-E MS	Matrix Spike	Total/NA	Solid	5035	
880-66319-A-31-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 127349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Total/NA	Solid	8021B	127272
MB 880-127151/5-A	Method Blank	Total/NA	Solid	8021B	127151
MB 880-127272/5-A	Method Blank	Total/NA	Solid	8021B	127272
LCS 880-127272/1-A	Lab Control Sample	Total/NA	Solid	8021B	127272
LCSD 880-127272/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127272
880-66319-A-31-E MS	Matrix Spike	Total/NA	Solid	8021B	127272
880-66319-A-31-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127272

## Analysis Batch: 127515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 127193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Total/NA	Solid	8015NM Prep	
MB 880-127193/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127193/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66383-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-66383-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 127231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Total/NA	Solid	8015B NM	127193
MB 880-127193/1-A	Method Blank	Total/NA	Solid	8015B NM	127193
LCS 880-127193/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127193
LCSD 880-127193/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127193
880-66383-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	127193
880-66383-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127193

## Analysis Batch: 127436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Total/NA	Solid	8015 NM	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

#### HPLC/IC

##### Leach Batch: 127305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Soluble	Solid	DI Leach	
MB 880-127305/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127305/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127305/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66383-A-1-H MS	Matrix Spike	Soluble	Solid	DI Leach	
880-66383-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 127331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66384-1	Backfill	Soluble	Solid	300.0	127305
MB 880-127305/1-A	Method Blank	Soluble	Solid	300.0	127305
LCS 880-127305/2-A	Lab Control Sample	Soluble	Solid	300.0	127305
LCSD 880-127305/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127305
880-66383-A-1-H MS	Matrix Spike	Soluble	Solid	300.0	127305
880-66383-A-1-I MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	127305

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

**Client Sample ID: Backfill**

**Lab Sample ID: 880-66384-1**

Date Collected: 12/17/25 00:00

Matrix: Solid

Date Received: 12/19/25 12:47

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	127272	12/21/25 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127349	12/21/25 23:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127515	12/21/25 23:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			127436	12/19/25 20:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127193	12/19/25 07:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127231	12/19/25 20:35	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	127305	12/19/25 16:14	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127331	12/20/25 17:17	CS	EET MID

**Laboratory References:**

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

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### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
SDG: 0345

#### Laboratory: Eurofins Midland

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

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

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

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

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### Method Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
 SDG: 0345

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: Cypress Fee 23-27-9 CTB

Job ID: 880-66384-1  
SDG: 0345

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66384-1	Backfill	Solid	12/17/25 00:00	12/19/25 12:47	New Mexico

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880-66334 Chain of Custody

Chain of Custody

Page 1 of 1

**Work Order Comments**  
 Program:  UST/PST  PRP  Brownfields  RRC  Superfund   
 State of Project:  Level II  Level III  PST/UST  TRP  Level IV   
 Reporting Level II  Level III  ADaPT  Other:  
 Deliverables: EDD  ADaPT  Other:

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

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Temp Blank:		Thermometer ID:	Wet Ice:	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes																												
					Yes	No			<input type="checkbox"/> Routine	<input type="checkbox"/> Rush																															
Cypress Fee 23-27-9 CTB	3045	Eddy County, New Mexico	IR		Yes	No			<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush			None: NO Cool: Me HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																												
Received Intact:					Yes	No			Due Date:	24 HR TAT																															
Cooler Custody Seals:					Yes	No			<table border="1"> <thead> <tr> <th>Sample Identification</th> <th>Date</th> <th>Time</th> <th>Soil</th> <th>Water</th> <th>Grab/Comp</th> <th># of Cont</th> </tr> </thead> <tbody> <tr> <td>Backfill</td> <td>12/17/2025</td> <td></td> <td>X</td> <td></td> <td>Comp</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Backfill	12/17/2025		X		Comp	1														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																																			
Backfill	12/17/2025		X		Comp	1																																			
Sample Custody Seals:					Yes	No																																			
Total Containers:					Yes	No																																			

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Relinquished by: (Signature)	Date/Time	Received by (Signature)	Date/Time
<i>[Signature]</i>	12.19.25	<i>[Signature]</i>	12.19.25 12:4



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-66384-1

SDG Number: 0345

**Login Number: 66384**

**List Number: 1**

**Creator: Dyal, Erica**

**List Source: Eurofins Midland**

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

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 1/9/2026 11:23:11 AM

## JOB DESCRIPTION

Cypress Fee 23-27-9 CTB  
 3045

## JOB NUMBER

880-66779-1

Eurofins Midland  
 1211 W. Florida Ave  
 Midland TX 79701



# Eurofins Midland

## Job Notes

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

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

## Authorization



Generated  
1/9/2026 11:23:11 AM

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

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Laboratory Job ID: 880-66779-1  
SDG: 3045

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
SDG: 3045

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1

**Job ID: 880-66779-1**

**Eurofins Midland**

### Job Narrative 880-66779-1

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 1/8/2026 2:34 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 -2.9°C.

#### GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-128361 and 880-128462 and analytical batch 880-128429 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1 (0.5) (880-66779-1) and SW-4 (0.5') (880-66779-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-128361 and analytical batch 880-128429 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: Surrogate recovery for the following samples were outside control limits: (LCS 880-128484/2-A) and (LCSD 880-128484/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### HPLC/IC

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

Eurofins Midland

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: CS-1 (0.5)**

**Lab Sample ID: 880-66779-1**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 17:00	01/09/26 05:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/26 17:00	01/09/26 05:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/26 17:00	01/09/26 05:11	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/08/26 17:00	01/09/26 05:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/26 17:00	01/09/26 05:11	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/26 17:00	01/09/26 05:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	01/08/26 17:00	01/09/26 05:11	1
1,4-Difluorobenzene (Surr)	115		70 - 130	01/08/26 17:00	01/09/26 05:11	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			01/09/26 05:11	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			01/08/26 23:22	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		01/08/26 10:37	01/08/26 23:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/08/26 23:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/08/26 23:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	01/08/26 10:37	01/08/26 23:22	1
o-Terphenyl (Surr)	100		70 - 130	01/08/26 10:37	01/08/26 23:22	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.4		10.1		mg/Kg			01/09/26 02:21	1

**Client Sample ID: CS-2 (0.5)**

**Lab Sample ID: 880-66779-2**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 17:00	01/09/26 05:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 05:31	1
Ethylbenzene	0.00255		0.00201		mg/Kg		01/08/26 17:00	01/09/26 05:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/08/26 17:00	01/09/26 05:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 05:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/26 17:00	01/09/26 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	01/08/26 17:00	01/09/26 05:31	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/08/26 17:00	01/09/26 05:31	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: CS-2 (0.5)**

**Lab Sample ID: 880-66779-2**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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			01/09/26 05:31	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			01/09/26 00:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 00:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 00:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 00:05	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	104		70 - 130				01/08/26 10:37	01/09/26 00:05	1
o-Terphenyl (Surr)	99		70 - 130				01/08/26 10:37	01/09/26 00:05	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			01/09/26 02:26	1

**Client Sample ID: CS-3 (0.5)**

**Lab Sample ID: 880-66779-3**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 17:00	01/09/26 07:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/08/26 17:00	01/09/26 07:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/08/26 17:00	01/09/26 07:21	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		01/08/26 17:00	01/09/26 07:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/08/26 17:00	01/09/26 07:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/08/26 17:00	01/09/26 07:21	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	100		70 - 130				01/08/26 17:00	01/09/26 07:21	1
1,4-Difluorobenzene (Surr)	98		70 - 130				01/08/26 17:00	01/09/26 07:21	1

**Method: TAL SOP Total BTEX - Total BTEX Calculation**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			01/09/26 07:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			01/09/26 00:19	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		01/08/26 10:37	01/09/26 00:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/08/26 10:37	01/09/26 00:19	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: CS-3 (0.5)**

**Lab Sample ID: 880-66779-3**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/26 10:37	01/09/26 00:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				01/08/26 10:37	01/09/26 00:19	1
o-Terphenyl (Surr)	97		70 - 130				01/08/26 10:37	01/09/26 00:19	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		9.96		mg/Kg			01/09/26 02:31	1

**Client Sample ID: CS-4 (0.5)**

**Lab Sample ID: 880-66779-4**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 17:00	01/09/26 07:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/26 17:00	01/09/26 07:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/08/26 17:00	01/09/26 07:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/08/26 17:00	01/09/26 07:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/08/26 17:00	01/09/26 07:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/26 17:00	01/09/26 07:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				01/08/26 17:00	01/09/26 07:42	1
1,4-Difluorobenzene (Surr)	106		70 - 130				01/08/26 17:00	01/09/26 07:42	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			01/09/26 07:42	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			01/09/26 00:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 00:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 00:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 00:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				01/08/26 10:37	01/09/26 00:34	1
o-Terphenyl (Surr)	99		70 - 130				01/08/26 10:37	01/09/26 00:34	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		9.92		mg/Kg			01/09/26 02:45	1

## Client Sample Results

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
SDG: 3045

Client Sample ID: SW-1 (0.5')

Lab Sample ID: 880-66779-5

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

## 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		01/08/26 17:00	01/09/26 08:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/08/26 17:00	01/09/26 08:02	1
Ethylbenzene	0.00201		0.00199		mg/Kg		01/08/26 17:00	01/09/26 08:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/08/26 17:00	01/09/26 08:02	1
o-Xylene	0.00291		0.00199		mg/Kg		01/08/26 17:00	01/09/26 08:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/08/26 17:00	01/09/26 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/08/26 17:00	01/09/26 08:02	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/08/26 17:00	01/09/26 08:02	1

## Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00492		0.00398		mg/Kg			01/09/26 08:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			01/09/26 00:48	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		01/08/26 10:37	01/09/26 00:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		01/08/26 10:37	01/09/26 00:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		01/08/26 10:37	01/09/26 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/08/26 10:37	01/09/26 00:48	1
o-Terphenyl (Surr)	105		70 - 130	01/08/26 10:37	01/09/26 00:48	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			01/09/26 02:50	1

Client Sample ID: SW-2 (0.5')

Lab Sample ID: 880-66779-6

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

## 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		01/08/26 17:00	01/09/26 08:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 08:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 08:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/08/26 17:00	01/09/26 08:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 08:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/26 17:00	01/09/26 08:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/08/26 17:00	01/09/26 08:23	1
1,4-Difluorobenzene (Surr)	113		70 - 130	01/08/26 17:00	01/09/26 08:23	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: SW-2 (0.5')**

**Lab Sample ID: 880-66779-6**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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			01/09/26 08:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			01/09/26 01:02	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	<49.7	U	49.7		mg/Kg		01/08/26 10:37	01/09/26 01:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		01/08/26 10:37	01/09/26 01:02	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		01/08/26 10:37	01/09/26 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	01/08/26 10:37	01/09/26 01:02	1
o-Terphenyl (Surr)	99		70 - 130	01/08/26 10:37	01/09/26 01:02	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.4		10.0		mg/Kg			01/09/26 03:05	1

**Client Sample ID: SW-3 (0.5')**

**Lab Sample ID: 880-66779-7**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 17:00	01/09/26 08:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 08:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 08:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/08/26 17:00	01/09/26 08:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/08/26 17:00	01/09/26 08:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/08/26 17:00	01/09/26 08:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	01/08/26 17:00	01/09/26 08:43	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/08/26 17:00	01/09/26 08:43	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			01/09/26 08:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			01/09/26 01:16	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	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 01:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/09/26 01:16	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: SW-3 (0.5')**

**Lab Sample ID: 880-66779-7**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 10:37	01/09/26 01:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	104		70 - 130				01/08/26 10:37	01/09/26 01:16	1
o-Terphenyl (Surr)	99		70 - 130				01/08/26 10:37	01/09/26 01:16	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			01/09/26 03:10	1

**Client Sample ID: SW-4 (0.5')**

**Lab Sample ID: 880-66779-8**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

**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		01/08/26 17:00	01/09/26 09:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/26 17:00	01/09/26 09:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/26 17:00	01/09/26 09:04	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/08/26 17:00	01/09/26 09:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/26 17:00	01/09/26 09:04	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/08/26 17:00	01/09/26 09:04	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				01/08/26 17:00	01/09/26 09:04	1
1,4-Difluorobenzene (Surr)	105		70 - 130				01/08/26 17:00	01/09/26 09:04	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			01/09/26 09:04	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			01/09/26 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		01/08/26 10:37	01/09/26 01:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		01/08/26 10:37	01/09/26 01:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		01/08/26 10:37	01/09/26 01:30	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	103		70 - 130				01/08/26 10:37	01/09/26 01:30	1
o-Terphenyl (Surr)	99		70 - 130				01/08/26 10:37	01/09/26 01:30	1

**Method: EPA 300.0 - Anions, Ion Chromatography - Soluble**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			01/09/26 03:15	1

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## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-66677-A-1-C MS	Matrix Spike	178 S1+	117
880-66677-A-1-D MSD	Matrix Spike Duplicate	97	93
880-66779-1	CS-1 (0.5)	131 S1+	115
880-66779-2	CS-2 (0.5)	120	103
880-66779-3	CS-3 (0.5)	100	98
880-66779-4	CS-4 (0.5)	118	106
880-66779-5	SW-1 (0.5')	125	110
880-66779-6	SW-2 (0.5')	126	113
880-66779-7	SW-3 (0.5')	127	110
880-66779-8	SW-4 (0.5')	134 S1+	105
LCS 880-128361/1-A	Lab Control Sample	97	88
LCSD 880-128361/2-A	Lab Control Sample Dup	101	90
MB 880-128361/5-A	Method Blank	136 S1+	73
MB 880-128462/5-A	Method Blank	219 S1+	122

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

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-66779-1	CS-1 (0.5)	105	100
880-66779-1 MS	CS-1 (0.5)	114	101
880-66779-1 MSD	CS-1 (0.5)	113	101
880-66779-2	CS-2 (0.5)	104	99
880-66779-3	CS-3 (0.5)	103	97
880-66779-4	CS-4 (0.5)	102	99
880-66779-5	SW-1 (0.5')	111	105
880-66779-6	SW-2 (0.5')	104	99
880-66779-7	SW-3 (0.5')	104	99
880-66779-8	SW-4 (0.5')	103	99
LCS 880-128484/2-A	Lab Control Sample	138 S1+	125
LCSD 880-128484/3-A	Lab Control Sample Dup	138 S1+	126
MB 880-128484/1-A	Method Blank	105	106

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

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

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

Lab Sample ID: MB 880-128361/5-A  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 128361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/07/26 10:35	01/09/26 01:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/07/26 10:35	01/09/26 01:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/07/26 10:35	01/09/26 01:59	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/07/26 10:35	01/09/26 01:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/07/26 10:35	01/09/26 01:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/07/26 10:35	01/09/26 01:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	01/07/26 10:35	01/09/26 01:59	1
1,4-Difluorobenzene (Surr)	73		70 - 130	01/07/26 10:35	01/09/26 01:59	1

Lab Sample ID: LCS 880-128361/1-A  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 128361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1103		mg/Kg		110	70 - 130
Toluene	0.100	0.1089		mg/Kg		109	70 - 130
Ethylbenzene	0.100	0.1040		mg/Kg		104	70 - 130
m,p-Xylenes	0.200	0.2180		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1036		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-128361/2-A  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 128361

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1043		mg/Kg		104	70 - 130	6	35
Toluene	0.100	0.1065		mg/Kg		106	70 - 130	2	35
Ethylbenzene	0.100	0.09844		mg/Kg		98	70 - 130	6	35
m,p-Xylenes	0.200	0.2053		mg/Kg		103	70 - 130	6	35
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130	1	35

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

Lab Sample ID: 880-66677-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 128361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.04600	F1	mg/Kg		46	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.02819	F1	mg/Kg		28	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

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

Lab Sample ID: 880-66677-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 128361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.04239	F1	mg/Kg		42	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1605		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U	0.100	0.1043		mg/Kg		104	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130
1,4-Difluorobenzene (Surr)	117		70 - 130

Lab Sample ID: 880-66677-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 128361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U F1	0.100	0.06337	F1	mg/Kg		63	70 - 130	32	35
Toluene	<0.00200	U F2 F1	0.100	0.05723	F2 F1	mg/Kg		57	70 - 130	68	35
Ethylbenzene	<0.00200	U F1	0.100	0.05302	F1	mg/Kg		53	70 - 130	22	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1193	F1	mg/Kg		60	70 - 130	29	35
o-Xylene	<0.00200	U	0.100	0.07871		mg/Kg		79	70 - 130	28	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: MB 880-128462/5-A  
 Matrix: Solid  
 Analysis Batch: 128429

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 128462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/08/26 10:12	01/08/26 14:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/08/26 10:12	01/08/26 14:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/08/26 10:12	01/08/26 14:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/08/26 10:12	01/08/26 14:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/08/26 10:12	01/08/26 14:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/08/26 10:12	01/08/26 14:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	219	S1+	70 - 130	01/08/26 10:12	01/08/26 14:22	1
1,4-Difluorobenzene (Surr)	122		70 - 130	01/08/26 10:12	01/08/26 14:22	1

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

Lab Sample ID: MB 880-128484/1-A  
 Matrix: Solid  
 Analysis Batch: 128432

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 128484

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		01/08/26 10:37	01/08/26 22:25	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

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

**Lab Sample ID: MB 880-128484/1-A**  
**Matrix: Solid**  
**Analysis Batch: 128432**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 128484**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/08/26 22:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		01/08/26 10:37	01/08/26 22:25	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	105		70 - 130	01/08/26 10:37	01/08/26 22:25	1
o-Terphenyl (Surr)	106		70 - 130	01/08/26 10:37	01/08/26 22:25	1

**Lab Sample ID: LCS 880-128484/2-A**  
**Matrix: Solid**  
**Analysis Batch: 128432**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 128484**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	963.9		mg/Kg		96	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	125		70 - 130

**Lab Sample ID: LCSD 880-128484/3-A**  
**Matrix: Solid**  
**Analysis Batch: 128432**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 128484**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	982.8		mg/Kg		98	70 - 130	2	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	126		70 - 130

**Lab Sample ID: 880-66779-1 MS**  
**Matrix: Solid**  
**Analysis Batch: 128432**

**Client Sample ID: CS-1 (0.5)**  
**Prep Type: Total/NA**  
**Prep Batch: 128484**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	915.3		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	757.5		mg/Kg		74	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	101		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

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

Lab Sample ID: 880-66779-1 MSD  
 Matrix: Solid  
 Analysis Batch: 128432

Client Sample ID: CS-1 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 128484

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	<50.0	U	1000	890.7		mg/Kg		89	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	794.3		mg/Kg		78	70 - 130	5	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>	<b>MSD</b>	<b>Limits</b>							
1-Chlorooctane (Surr)	113			70 - 130							
o-Terphenyl (Surr)	101			70 - 130							

#### Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128522/1-A  
 Matrix: Solid  
 Analysis Batch: 128545

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			01/09/26 01:14	1

Lab Sample ID: LCS 880-128522/2-A  
 Matrix: Solid  
 Analysis Batch: 128545

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.5		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-128522/3-A  
 Matrix: Solid  
 Analysis Batch: 128545

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	244.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-66779-3 MS  
 Matrix: Solid  
 Analysis Batch: 128545

Client Sample ID: CS-3 (0.5)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.2		249	254.7		mg/Kg		98	90 - 110

Lab Sample ID: 880-66779-3 MSD  
 Matrix: Solid  
 Analysis Batch: 128545

Client Sample ID: CS-3 (0.5)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.2		249	254.8		mg/Kg		98	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

## GC VOA

## Prep Batch: 128361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Total/NA	Solid	5035	
880-66779-2	CS-2 (0.5)	Total/NA	Solid	5035	
880-66779-3	CS-3 (0.5)	Total/NA	Solid	5035	
880-66779-4	CS-4 (0.5)	Total/NA	Solid	5035	
880-66779-5	SW-1 (0.5')	Total/NA	Solid	5035	
880-66779-6	SW-2 (0.5')	Total/NA	Solid	5035	
880-66779-7	SW-3 (0.5')	Total/NA	Solid	5035	
880-66779-8	SW-4 (0.5')	Total/NA	Solid	5035	
MB 880-128361/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128361/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128361/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66677-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-66677-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 128429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Total/NA	Solid	8021B	128361
880-66779-2	CS-2 (0.5)	Total/NA	Solid	8021B	128361
880-66779-3	CS-3 (0.5)	Total/NA	Solid	8021B	128361
880-66779-4	CS-4 (0.5)	Total/NA	Solid	8021B	128361
880-66779-5	SW-1 (0.5')	Total/NA	Solid	8021B	128361
880-66779-6	SW-2 (0.5')	Total/NA	Solid	8021B	128361
880-66779-7	SW-3 (0.5')	Total/NA	Solid	8021B	128361
880-66779-8	SW-4 (0.5')	Total/NA	Solid	8021B	128361
MB 880-128361/5-A	Method Blank	Total/NA	Solid	8021B	128361
MB 880-128462/5-A	Method Blank	Total/NA	Solid	8021B	128462
LCS 880-128361/1-A	Lab Control Sample	Total/NA	Solid	8021B	128361
LCSD 880-128361/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128361
880-66677-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	128361
880-66677-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	128361

## Prep Batch: 128462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-128462/5-A	Method Blank	Total/NA	Solid	5035	

## Analysis Batch: 128592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Total/NA	Solid	Total BTEX	
880-66779-2	CS-2 (0.5)	Total/NA	Solid	Total BTEX	
880-66779-3	CS-3 (0.5)	Total/NA	Solid	Total BTEX	
880-66779-4	CS-4 (0.5)	Total/NA	Solid	Total BTEX	
880-66779-5	SW-1 (0.5')	Total/NA	Solid	Total BTEX	
880-66779-6	SW-2 (0.5')	Total/NA	Solid	Total BTEX	
880-66779-7	SW-3 (0.5')	Total/NA	Solid	Total BTEX	
880-66779-8	SW-4 (0.5')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Analysis Batch: 128432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Total/NA	Solid	8015B NM	128484

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

## GC Semi VOA (Continued)

## Analysis Batch: 128432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-2	CS-2 (0.5)	Total/NA	Solid	8015B NM	128484
880-66779-3	CS-3 (0.5)	Total/NA	Solid	8015B NM	128484
880-66779-4	CS-4 (0.5)	Total/NA	Solid	8015B NM	128484
880-66779-5	SW-1 (0.5')	Total/NA	Solid	8015B NM	128484
880-66779-6	SW-2 (0.5')	Total/NA	Solid	8015B NM	128484
880-66779-7	SW-3 (0.5')	Total/NA	Solid	8015B NM	128484
880-66779-8	SW-4 (0.5')	Total/NA	Solid	8015B NM	128484
MB 880-128484/1-A	Method Blank	Total/NA	Solid	8015B NM	128484
LCS 880-128484/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128484
LCSD 880-128484/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128484
880-66779-1 MS	CS-1 (0.5)	Total/NA	Solid	8015B NM	128484
880-66779-1 MSD	CS-1 (0.5)	Total/NA	Solid	8015B NM	128484

## Prep Batch: 128484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Total/NA	Solid	8015NM Prep	
880-66779-2	CS-2 (0.5)	Total/NA	Solid	8015NM Prep	
880-66779-3	CS-3 (0.5)	Total/NA	Solid	8015NM Prep	
880-66779-4	CS-4 (0.5)	Total/NA	Solid	8015NM Prep	
880-66779-5	SW-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-66779-6	SW-2 (0.5')	Total/NA	Solid	8015NM Prep	
880-66779-7	SW-3 (0.5')	Total/NA	Solid	8015NM Prep	
880-66779-8	SW-4 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-128484/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128484/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128484/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66779-1 MS	CS-1 (0.5)	Total/NA	Solid	8015NM Prep	
880-66779-1 MSD	CS-1 (0.5)	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 128581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Total/NA	Solid	8015 NM	
880-66779-2	CS-2 (0.5)	Total/NA	Solid	8015 NM	
880-66779-3	CS-3 (0.5)	Total/NA	Solid	8015 NM	
880-66779-4	CS-4 (0.5)	Total/NA	Solid	8015 NM	
880-66779-5	SW-1 (0.5')	Total/NA	Solid	8015 NM	
880-66779-6	SW-2 (0.5')	Total/NA	Solid	8015 NM	
880-66779-7	SW-3 (0.5')	Total/NA	Solid	8015 NM	
880-66779-8	SW-4 (0.5')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 128522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Soluble	Solid	DI Leach	
880-66779-2	CS-2 (0.5)	Soluble	Solid	DI Leach	
880-66779-3	CS-3 (0.5)	Soluble	Solid	DI Leach	
880-66779-4	CS-4 (0.5)	Soluble	Solid	DI Leach	
880-66779-5	SW-1 (0.5')	Soluble	Solid	DI Leach	
880-66779-6	SW-2 (0.5')	Soluble	Solid	DI Leach	
880-66779-7	SW-3 (0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

## QC Association Summary

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

## HPLC/IC (Continued)

## Leach Batch: 128522 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-8	SW-4 (0.5')	Soluble	Solid	DI Leach	
MB 880-128522/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128522/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128522/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66779-3 MS	CS-3 (0.5)	Soluble	Solid	DI Leach	
880-66779-3 MSD	CS-3 (0.5)	Soluble	Solid	DI Leach	

## Analysis Batch: 128545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66779-1	CS-1 (0.5)	Soluble	Solid	300.0	128522
880-66779-2	CS-2 (0.5)	Soluble	Solid	300.0	128522
880-66779-3	CS-3 (0.5)	Soluble	Solid	300.0	128522
880-66779-4	CS-4 (0.5)	Soluble	Solid	300.0	128522
880-66779-5	SW-1 (0.5')	Soluble	Solid	300.0	128522
880-66779-6	SW-2 (0.5')	Soluble	Solid	300.0	128522
880-66779-7	SW-3 (0.5')	Soluble	Solid	300.0	128522
880-66779-8	SW-4 (0.5')	Soluble	Solid	300.0	128522
MB 880-128522/1-A	Method Blank	Soluble	Solid	300.0	128522
LCS 880-128522/2-A	Lab Control Sample	Soluble	Solid	300.0	128522
LCSD 880-128522/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128522
880-66779-3 MS	CS-3 (0.5)	Soluble	Solid	300.0	128522
880-66779-3 MSD	CS-3 (0.5)	Soluble	Solid	300.0	128522

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: CS-1 (0.5)**

**Lab Sample ID: 880-66779-1**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 05:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 05:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/08/26 23:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/08/26 23:22	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 02:21	SMC	EET MID

**Client Sample ID: CS-2 (0.5)**

**Lab Sample ID: 880-66779-2**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 05:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 05:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/09/26 00:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 00:05	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 02:26	SMC	EET MID

**Client Sample ID: CS-3 (0.5)**

**Lab Sample ID: 880-66779-3**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 07:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 07:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/09/26 00:19	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 00:19	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 02:31	SMC	EET MID

**Client Sample ID: CS-4 (0.5)**

**Lab Sample ID: 880-66779-4**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 07:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 07:42	SA	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: CS-4 (0.5)**

**Lab Sample ID: 880-66779-4**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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			128581	01/09/26 00:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 00:34	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 02:45	SMC	EET MID

**Client Sample ID: SW-1 (0.5')**

**Lab Sample ID: 880-66779-5**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 08:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 08:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/09/26 00:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 00:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 02:50	SMC	EET MID

**Client Sample ID: SW-2 (0.5')**

**Lab Sample ID: 880-66779-6**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 08:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 08:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/09/26 01:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 01:02	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 03:05	SMC	EET MID

**Client Sample ID: SW-3 (0.5')**

**Lab Sample ID: 880-66779-7**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 08:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 08:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/09/26 01:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 01:16	FC	EET MID

Eurofins Midland

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
 SDG: 3045

**Client Sample ID: SW-3 (0.5')**

**Lab Sample ID: 880-66779-7**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 03:10	SMC	EET MID

**Client Sample ID: SW-4 (0.5')**

**Lab Sample ID: 880-66779-8**

Date Collected: 01/02/26 00:00

Matrix: Solid

Date Received: 01/08/26 14:34

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	128361	01/08/26 17:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128429	01/09/26 09:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128592	01/09/26 09:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			128581	01/09/26 01:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128484	01/08/26 10:37	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128432	01/09/26 01:30	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128522	01/08/26 15:36	SMC	EET MID
Soluble	Analysis	300.0		1			128545	01/09/26 03:15	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  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
SDG: 3045

#### Laboratory: Eurofins Midland

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

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

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

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

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### Method Summary

Client: Carmona Resources  
Project/Site: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
SDG: 3045

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: Cypress Fee 23-27-9 CTB

Job ID: 880-66779-1  
SDG: 3045

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66779-1	CS-1 (0.5)	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-2	CS-2 (0.5)	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-3	CS-3 (0.5)	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-4	CS-4 (0.5)	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-5	SW-1 (0.5')	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-6	SW-2 (0.5')	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-7	SW-3 (0.5')	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico
880-66779-8	SW-4 (0.5')	Solid	01/02/26 00:00	01/08/26 14:34	New Mexico

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890-66779 Chain of Custody

Chain of Custody

Project Manager: Conner Moehring  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-6823  
 Email: [imcarmona@carmonaresources.com](mailto:imcarmona@carmonaresources.com)

Bill to: (if different)  
 Company Name: Carmona Resources  
 Address:  
 City, State ZIP:

Turn Around  
 Routine  Rush  
 Due Date: 24 HR TAT

Temp Blank: Yes No  
 (Yes)    
 Thermometer ID: IRX  
 Cooler Custody Seals: Yes No N/A  
 Sample Custody Seals: Yes No N/A  
 Total Containers: Corrected Temperature: -2.9

Work Order Comments  
 Program:  UST/PST  PRP  Brownfields  RRC  Superfund  
 State of Project:  
 Reporting Level II  Level III  PST/UST  RRP  Level IV   
 Deliverables: EDD  ADA/PT  Other:

Project Name: Cypress Fee 23-27-9 CTB  
 Project Number: 3045  
 Project Location: Eddy County, New Mexico  
 Sampler's Name: IR

Pres. Code  
 Parameters

Soil  
 Water  
 Grab/Comp

Date  
 Time

Temp Blank: Yes No  
 (Yes)    
 Thermometer ID: IRX  
 Cooler Custody Seals: Yes No N/A  
 Sample Custody Seals: Yes No N/A  
 Total Containers: Corrected Temperature: -2.9

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-1 (0.5')	1/2/2025		X		Comp 1	X	BTEX 8021B	None: NO DI Water: H <sub>2</sub> O	
CS-2 (0.5')	1/2/2025		X		Comp 1	X	TPH 8015M (GRO + DRO + MRO)	Cool: Cool MeOH: Me	
CS-3 (0.5')	1/2/2025		X		Comp 1	X	Chloride 300.0	HCL: HC HNO <sub>3</sub> : HN	
CS-4 (0.5')	1/2/2025		X		Comp 1	X		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na	
SW-1 (0.5')	1/2/2025		X		Comp 1	X		H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS	
SW-2 (0.5')	1/2/2025		X		Comp 1	X		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
SW-3 (0.5')	1/2/2025		X		Comp 1	X		Zn Acetate+NaOH: Zn	
SW-4 (0.5')	1/2/2025		X		Comp 1	X		NaOH+Ascorbic Acid: SAPC	

Comments: Email to Mike Carmona / [Mcarmona@carmonaresources.com](mailto:Mcarmona@carmonaresources.com) and Conner Moehring / [Cmoehring@carmonaresources.com](mailto:Cmoehring@carmonaresources.com)

Relinquished by: (Signature)

Date/Time: 1/18/26 4:34

Received by: (Signature)

Date/Time: 1-8-26 14:34

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-66779-1

SDG Number: 3045

**Login Number: 66779**

**List Number: 1**

**Creator: Dyal, Erica**

**List Source: Eurofins Midland**

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

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- 12
- 13
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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

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

QUESTIONS

Action 546207

**QUESTIONS**

Operator: MARATHON OIL PERMIAN LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 372098
	Action Number: 546207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2528236158
Incident Name	NAPP2528236158 CYPRESS FEE 23 27 9 CTB @ L-09-23S-27E
Incident Type	Fire
Incident Status	Remediation Closure Report Received

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	Cypress Fee 23 27 9 CTB
Date Release Discovered	10/04/2025
Surface Owner	Private

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Other (Specify)   Crude Oil   Released: 1 BBL   Recovered: 0 BBL   Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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Action 546207

**QUESTIONS (continued)**

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**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>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.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 01/26/2026
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QUESTIONS, Page 3

Action 546207

**QUESTIONS (continued)**

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	Action Number: 546207
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 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
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between 500 and 1000 (ft.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 500 and 1000 (ft.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 500 and 1000 (ft.)
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
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	37.9
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	1480
GRO+DRO (EPA SW-846 Method 8015M)	1480
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	12/17/2025
On what date will (or did) the final sampling or liner inspection occur	01/02/2026
On what date will (or was) the remediation complete(d)	01/03/2026
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	486
What is the estimated volume (in cubic yards) that will be remediated	12

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.*

*The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 546207

**QUESTIONS (continued)**

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	Action Number: 546207
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**QUESTIONS**

**Remediation Plan (continued)**

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

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

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 - Red Bluff
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and <b>on-site</b> 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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 01/26/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Action 546207

**QUESTIONS (continued)**

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**QUESTIONS**

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

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Action 546207

**QUESTIONS (continued)**

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	Action Number: 546207
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**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	538975
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/02/2026
What was the (estimated) number of samples that were to be gathered	6
What was the sampling surface area in square feet	480

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	486
What was the total volume (cubic yards) remediated	12
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: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 01/26/2026
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Action 546207

**QUESTIONS (continued)**

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**QUESTIONS**

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

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CONDITIONS

Action 546207

**CONDITIONS**

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**CONDITIONS**

Created By	Condition	Condition Date
nvez	None	3/23/2026