



## SITE INFORMATION

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**Closure Report**  
**Reeves 26 #004 (09.03.2018)**  
**Incident ID: nCH1825442282**  
**Lea County, New Mexico**  
**Unit K Sec 26 T18S R35E**  
**32.715778°, -103.4312897°**

**Unknown Fluid Release**  
**Point of Release: Lightning Struck Tank Resulting in Fire**  
**Release Date: 09.03.2018**  
**Volume Released: 35 Barrels of Unknown Fluids**  
**Volume Recovered: 30 Barrels of Unknown Fluids**

CARMONA RESOURCES



**Prepared for:**  
**Coterra Energy Operating Co.**  
**6001 Deauville Blvd**  
**Suite 300N**  
**Midland, Texas 79706**

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



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January 23, 2026

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

**Re: Closure Report**  
**Reeves 26 #004 (09.03.2018)**  
**Incident ID: nCH1825442282**  
**Coterra Energy Operating Co.**  
**Site Location: Unit K, S26, T18S, R35E**  
**(Lat 32.715778°, Long -103.4312897°)**  
**Lea County, New Mexico**

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra) Carmona Resources LLC has prepared this letter to document site assessment and remediation activities for the Reeves 26 #004 release. The site is located at 32.715778°, -103.4312897° within Unit K S26, T18S, R35E, in Lea County, New Mexico (Figures 1 and 2).

### **1.0 Site Information and Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 3, 2018, due to a lightning strike on a tank that destroyed the battery, resulting in approximately thirty-five (35) barrels of unknown fluid to be released, with thirty (30) barrels of unknown fluid recovered. The spill boundaries are 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 low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water source within a 0.50-mile radius of the location. The nearest identified well was found to be a decommissioned well, L-13210, and is approximately 0.02 miles East of the site in S26, T18S, R35E. On January 15, 2026, depth to water was gauged during plugging and abandoning activities for the well, and no water was detected at a depth of 51 feet below the ground surface (ft bgs). A copy of the associated Well Log and Plugging Record are 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: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 10,000 mg/kg.



## **4.0 Site Assessment Activities**

### **Initial Assessment**

On November 13, 2025, Carmona Resources personnel performed site assessment activities to evaluate soil impacts stemming from the release. A total of two (2) borehole samples (BH-1 and BH-2) and four (4) horizontal samples (H-1 through H-4) were installed to total depths ranging from surface to 5.0 ft bgs inside and surrounding the release area. 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.

### **Vertical Delineation**

Vertical delineation was achieved at BH-2 for benzene, total BTEX, TPH, and chloride concentrations. The area of BH-1 will be further excavated during remediation activities. Refer to Table 1 for analytical results.

### **Horizontal Delineation**

Horizontal delineation was achieved in all Horizontal Samples for Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 1.

## **5.0 Remediation Activities**

On December 18, 2025, Carmona Resources personnel were onsite to supervise the remediation activities, collect confirmation samples, and document backfill activities. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on December 15, 2025, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to a depth of 7.0 ft bgs. A total of eleven (11) confirmation floor samples were collected (CS-1 through CS-11), and eight (8) sidewall samples (SW-1 through SW-8) 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 Benzene, total BTEX, TPH, and Chloride concentrations. Refer to Table 2.

Once the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Approximately 2,035 square feet of contamination was remediated, resulting in 605 cubic yards of material excavated and transported off-site for proper disposal. A composite sample from a nearby stockpile set for reclamation activities, located at 32.715804°, -103.4314473°, was collected for laboratory analysis on December 18, 2025, before being utilized. Refer to Table 2.

## **6.0 Reclamation Activities**

On January 16, 2026, the backfilled area was reclaimed; however, reseeded was not completed due to winter conditions. The entire site has been cross ripped and bermed off to eliminate unwanted vehicle access. Carmona Resources will return in the spring of 2026 to reseed the reclaimed area using the appropriate pounds of pure live seed per acre with the BLM #3 Seed Mixture. Upon completion of reseeded, an annual inspection will be conducted. Once adequate vegetation regrowth has occurred a revegetation report will be submitted. The total reclaimed area is approximately 80,000 square feet. See Figure 5 for the reclamation area.



**7.0 Conclusions**

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Coterra formally requests the closure of the spill. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,  
**Carmona Resources, LLC**

A handwritten signature in black ink, appearing to read "Ashton".

Ashton Thielke  
Director of Operations

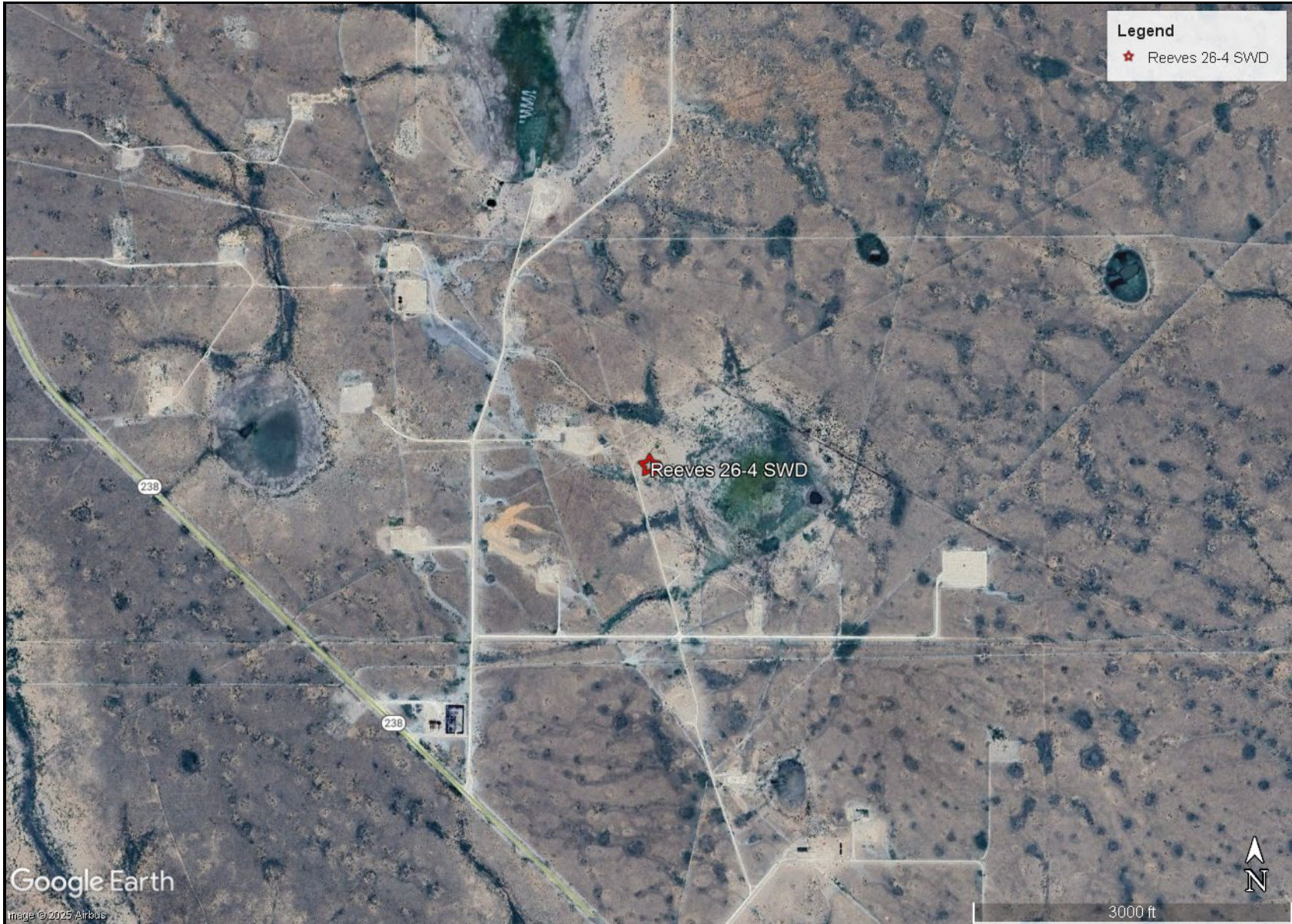
A handwritten signature in black ink, appearing to read "Gilbert Priego".


Gilbert Priego  
Project Manager

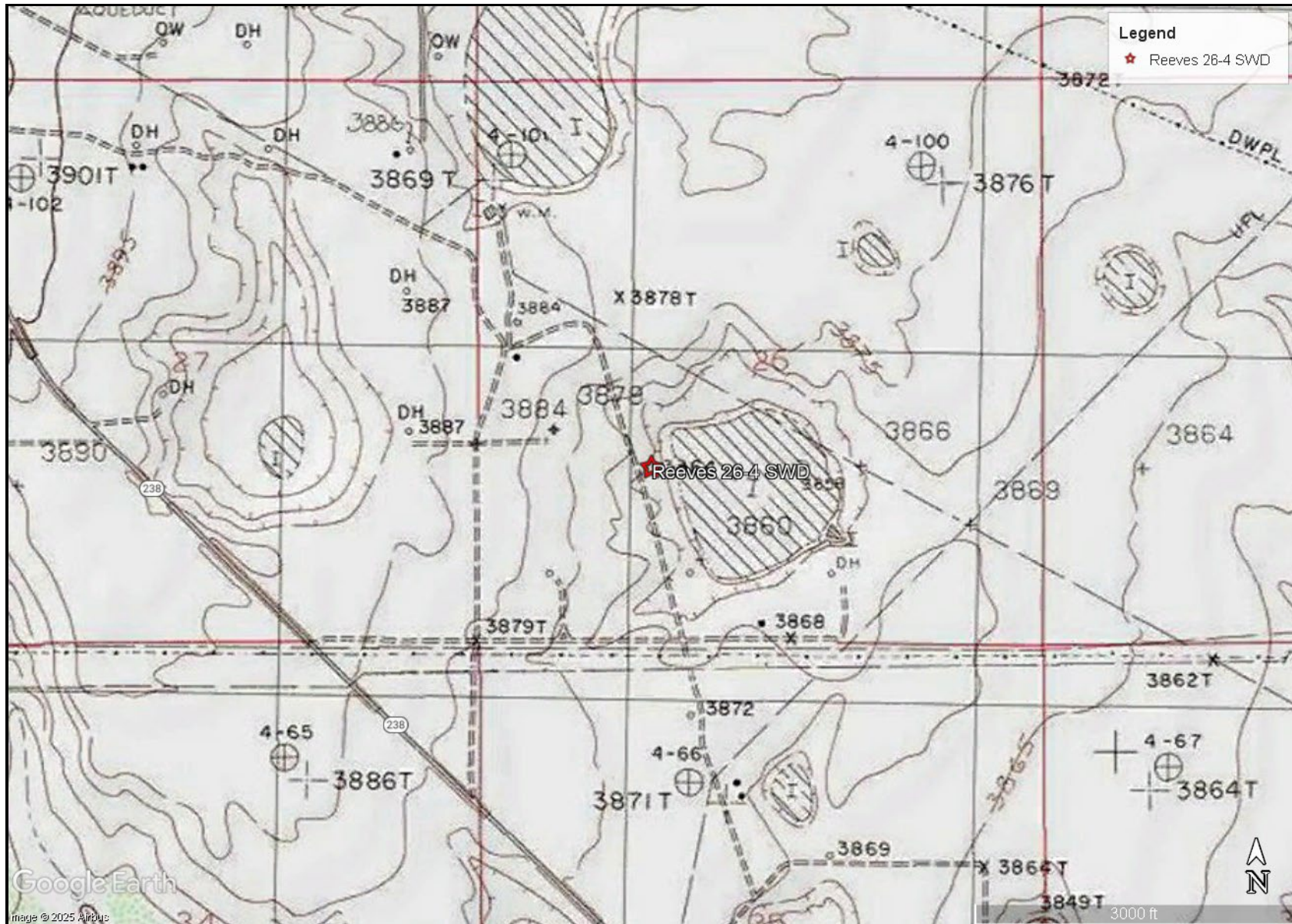
# FIGURES


CARMONA RESOURCES





<p>OVERVIEW MAP COTERRA ENERGY OPERATING CO. REEVES 26 #004 (09.03.2018) LEA COUNTY, NEW MEXICO 32.715778°, - 103.7312897°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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<p>TOPOGRAPHIC MAP COTERRA ENERGY OPERATING CO. REEVES 26 #004 (09.03.2018) LEA COUNTY, NEW MEXICO 32.715778°, - 103.7312897°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 2</p>
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SAMPLE LOCATION MAP  
COTERRA ENERGY OPERATING CO.  
REEVES 26 #004 (09.03.2018)  
LEA COUNTY, NEW MEXICO  
32.715778°, - 103.7312897°



FIGURE 3



EXCAVATION DEPTH MAP  
COTERRA ENERGY OPERATING CO.  
REEVES 26 #004 (09.03.2018)  
LEA COUNTY, NEW MEXICO  
32.715778°, - 103.7312897°



FIGURE 4



Google Earth  
Image © 2025 Airbus

RECLAMATION MAP  
COTERRA ENERGY OPERATING CO.  
REEVES 26 #004 (09.03.2018)  
LEA COUNTY, NEW MEXICO  
32.715778°, - 103.7312897°



FIGURE 5


# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**Coterra Energy Operating Co.**  
**Reeves 26 #004 (09.03.2018)**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
<b>BH-1</b>	11/13/2025	0-1	<49.9	<b>463</b>	<b>204</b>	<b>667</b>	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	455
	"	2	<50.0	<50.0	<50.0	<50.0	<0.0200	<0.0200	<0.0200	<0.0400	<0.0400	247
	"	3	<49.9	<b>198</b>	76.9	<b>275</b>	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<b>669</b>
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	264
	"	5	<49.8	<b>1,310</b>	327	<b>1,640</b>	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	107
<b>BH-2</b>	11/13/2025	0-1	<49.9	82.1	<49.9	82.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	142
	"	2	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	415
	"	3	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<b>615</b>
	"	4	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<b>806</b>
	"	5	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,200
<i>Regulatory Criteria</i> <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet  
 (BH) - Borehole Sample  
 Removed

**Table 1  
Coterra Energy Operating Co.  
Reeves 26 #004 (09.03.2018)  
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	11/13/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	11.3
H-2	11/13/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.1
H-3	11/13/2025	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	14.8
H-4	11/13/2025	0-0.5	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	11.7
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet  
 (H) - Horizontal Sample

**Table 2**  
**Coterra Energy Operating Co.**  
**Reeves 26 #004 (09.03.2018)**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
<b>CS-1</b>	12/18/2025	7.0	<50.1	<50.1	77.0	77.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,660
<b>CS-2</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	997
<b>CS-3</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,800
<b>CS-4</b>	12/18/2025	7.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	117
<b>CS-5</b>	12/18/2025	7.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,690
<b>CS-6</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	115
<b>CS-7</b>	12/18/2025	7.0	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	1,550
<b>CS-8</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,700
<b>CS-9</b>	12/18/2025	7.0	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,390
<b>CS-10</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,040
<b>CS-11</b>	12/18/2025	7.0	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,190
<i>Regulatory Criteria</i> <sup>A</sup>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	10,000 mg/kg

<sup>A</sup> - Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet  
 (CS) - Confirmation Sample

**Table 2  
Coterra Energy Operating Co.  
Reeves 26 #004 (09.03.2018)  
Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
<b>SW-1</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30.9
<b>SW-2</b>	12/18/2025	7.0	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	105
<b>SW-3</b>	12/18/2025	7.0	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	147
<b>SW-4</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	69.4
<b>SW-5</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	135
<b>SW-6</b>	12/18/2025	7.0	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	15.4
<b>SW-7</b>	12/18/2025	7.0	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	62.3
<b>SW-8</b>	12/18/2025	7.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	182
<b>Backfill</b>	12/18/2025	-	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<10.1
<i>Regulatory Criteria<sup>A</sup></i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

<sup>A</sup> – Table 1 - 19.15.29 NMAC  
 mg/kg - milligram per kilogram  
 TPH - Total Petroleum Hydrocarbons  
 ft - feet  
 (SW) - Sidewall Sample

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

### Photograph No. 1

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View East, area of CS-1 through CS-11.

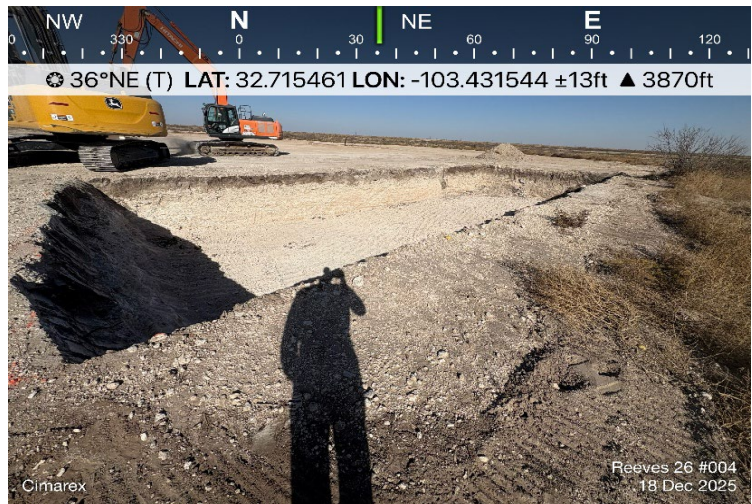


### Photograph No. 2

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View Northeast, area of CS-1 through CS-11.



### Photograph No. 3

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Eddy County, New Mexico

**Description:**  
View South, area of CS-1 through CS-11.



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

### Photograph No. 4

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View Southeast of reclamation area.



### Photograph No. 5

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View North of reclamation area.



### Photograph No. 6

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Eddy County, New Mexico

**Description:**  
View Southwest of reclamation area.



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

### Photograph No. 7

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View West of reclamation area.



### Photograph No. 8

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View West of reclamation area.



### Photograph No. 9

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Eddy County, New Mexico

**Description:**  
View Southwest of reclamation area.



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

### Photograph No. 10

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View West of reclamation area.



### Photograph No. 11

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Lea County, New Mexico

**Description:**  
View Northeast of reclamation area.



### Photograph No. 12

**Facility:** Reeves 26 #004 (09.03.2018)

**County:** Eddy County, New Mexico

**Description:**  
View Southeast of well monument.



## APPENDIX C

CARMONA RESOURCES



District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

HOBBS OCD  
SEP 06 2018  
RECEIVED

Incident ID	nCH1825442282
District RP	1RP-5188
Facility ID	
Application ID	pCH1825443126

### Release Notification

#### Responsible Party

Responsible Party	POGO OIL & GAS OPERATING, INC	OGRID	372000
Contact Name	MERCH MERCHANT	Contact Telephone	(575) 631-7450
Contact email	MYMERCH@PENROCOIL.COM	Incident	NCH1825442282 REEVES 26 #004 @ 30-025-03137
Contact mailing address	2130 W BENDER BLVD, HOBBS NM, 88240		

#### Location of Release Source

Latitude 32.715778 Longitude -103.4312897  
*(NAD 83 in decimal degrees to 5 decimal places)*

Site Name	REEVES 26 #004	Site Type	SALT WATER DISPOSAL
Date Release Discovered	9/3/2018	API# (if applicable)	30-025-03137

Unit Letter	Section	Township	Range	County
K	26	18S	35E	LEA

Surface Owner:  State  Federal  Tribal  Private (Name: Fee)

#### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	5	Volume Recovered (bbls)	0 (FIRE)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	30	Volume Recovered (bbls)	30
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)		Volume/Weight Recovered (provide units)	

Cause of Release

**LIGHTNING FROM STORM STRUCK TANK CAUSING FIRE THAT DESTROYED BATTERY**

State of New Mexico  
Oil Conservation Division

Incident ID	nCH1825442282
District RP	1RP-5188
Facility ID	
Application ID	pCH1825443126

Was this a major release as defined by 19.15.29.7(A) NMAC?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?   
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?  <b>MERCH MERCHANT NOTIFIED MAXIE BROWN WITH NMOCD BY PHONE AT 7AM ON 9/4/2018</b>	

### 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.
- The impacted area has been secured to protect human health and the environment.
- Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.

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.

Printed Name: M. Y. Merchant Title: Agent  
 Signature: [Handwritten Signature] Date: 9/5/18  
 email: mymersha@pcnrcoil.com Telephone: (575) 492-1236

**OCD Only** RECEIVED  
 Received by: By CHernandez at 11:15 am, Sep 11, 2018 Date: \_\_\_\_\_

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 534608

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 534608
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nCH1825442282
Incident Name	NCH1825442282 REEVES 26 #004 @ 30-025-03137
Incident Type	Fire
Incident Status	Initial C-141 Approved
Incident Well	[30-025-03137] REEVES 26 #004

<b>Location of Release Source</b>	
Site Name	REEVES 26 #004
Date Release Discovered	09/03/2018
Surface Owner	State

<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	1,400
What is the estimated number of samples that will be gathered	22
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	12/18/2025
Time sampling will commence	08:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 Will be onsite to remediate the historical spill incident onsite followed by the reclamation of the entire well pad.
Please provide any information necessary for navigation to sampling site	32.715772°, -103.431291°

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 534608

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 534608
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**CONDITIONS**

Created By	Condition	Condition Date
athielke	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.	12/15/2025
athielke	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.	12/15/2025

## APPENDIX D

CARMONA RESOURCES



### Nearest water well

Coterra Energy Operating Co.

**Legend**

- 0.02 Miles
- 0.50 Mile Radius
- NMOSE Water Well
- Reeves 26 #004



66' - Gauged 2025  
Reeves 26-4 SWD

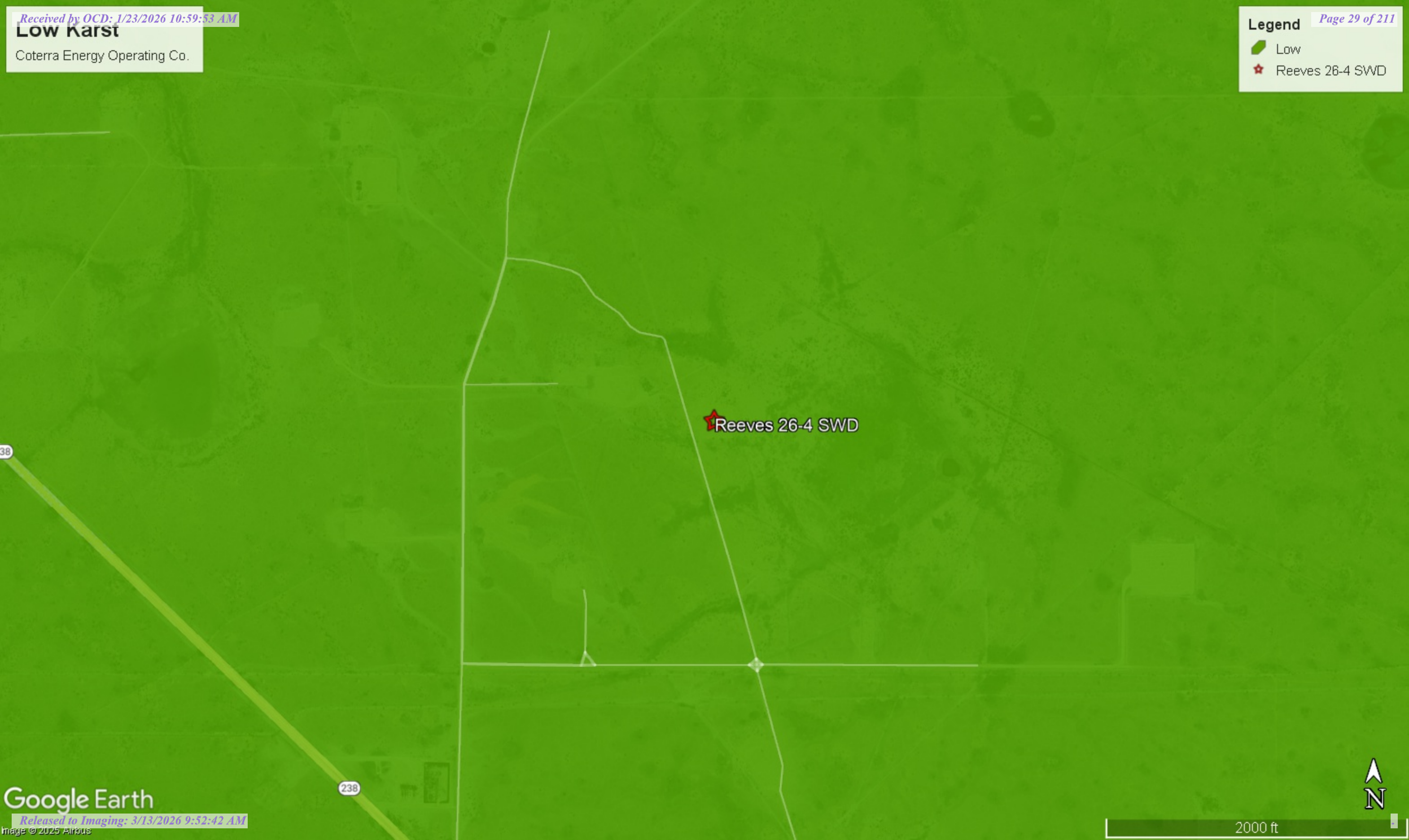


2000 ft

**Low Karst**  
Coterra Energy Operating Co.

**Legend**

-  Low
-  Reeves 26-4 SWD





# 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="#">L 06868</a>		L	LE	NW	SE	SW	26	18S	35E	647026.0	3620666.0 *	●	200	110	57	53
<a href="#">L 06869</a>		L	LE		NW	SW	26	18S	35E	646717.0	3620966.0 *	●	317	125	60	65
<a href="#">L 09373</a>		L	LE	SW	NW	NW	26	18S	35E	646580.1	3621579.8	●	836	120	60	60
<a href="#">L 09958</a>		L	LE	SE	NE	NE	35	18S	35E	648040.0	3620074.0 *	●	1293	150	55	95
<a href="#">L 03783</a>		L	LE				27	18S	35E	645710.0	3621138.0 *	●	1335	115	65	50
<a href="#">L 03678</a>		L	LE				35	18S	35E	647354.0	3619554.0 *	●	1355	115	60	55
<a href="#">L 01225 POD1</a>		L	LE	NW	NE	SW	35	18S	35E	647047.0	3619458.0 *	●	1409	97	50	47
<a href="#">L 03963</a>		L	LE		NW	NE	27	18S	35E	645896.0	3621762.0 *	●	1435	127	70	57
<a href="#">L 09524</a>		L	LE		NW	SE	35	18S	35E	647552.0	3619364.0 *	●	1594	140	57	83
<a href="#">L 00335</a>		L	LE	SE	NW	SW	35	18S	35E	646843.0	3619253.0 *	●	1623	124	45	79
<a href="#">L 02678</a>		L	LE		SW	SE	22	18S	35E	645890.0	3622166.0 *	●	1720	200	58	142
<a href="#">L 02678</a>	R	L	LE		SW	SE	22	18S	35E	645890.0	3622166.0 *	●	1720	200	58	142
<a href="#">L 02678 POD2</a>	R	L	LE		SW	SE	22	18S	35E	645890.0	3622166.0 *	●	1720	185	58	127
<a href="#">L 02678 POD3</a>		L	LE		SW	SE	22	18S	35E	645902.3	3622214.6	●	1749	190	154	36
<a href="#">L 09745</a>		L	LE	NE	SE	SW	35	18S	35E	647254.0	3619055.0 *	●	1827	106	65	41
<a href="#">L 02520</a>		L	LE		SE	NW	23	18S	35E	647088.0	3622989.0 *	●	2123	134	78	56
<a href="#">L 13988 POD1</a>		L	LE	NW	SW	SE	34	18S	35E	645839.1	3618945.6	●	2254	110	38	72
<a href="#">L 05810</a>		L	LE		NE	SW	22	18S	35E	645479.0	3622564.0 *	●	2291	145	95	50
<a href="#">L 03866</a>		L	LE		SW	SW	22	18S	35E	645082.0	3622155.0 *	●	2325	127	65	62
<a href="#">L 04399</a>		L	LE		SW	SW	22	18S	35E	645082.0	3622155.0 *	●	2325	90	75	15
<a href="#">L 13384 POD1</a>		L	LE	SW	NW	NW	02	19S	35E	646695.5	3618522.0	●	2366	120		
<a href="#">L 02679 POD2</a>		L	LE		SW	NE	22	18S	35E	645876.0	3622973.0 *	●	2396	187	65	122
<a href="#">L 11511</a>		L	LE	NE	SE	SE	25	18S	35E	649646.0	3620696.0 *	●	2633	102	62	40
<a href="#">L 02679</a>		L	LE		SE	SE	21	18S	35E	644680.0	3622151.0 *	●	2667	200	68	132
<a href="#">L 02679</a>	R	L	LE		SE	SE	21	18S	35E	644680.0	3622151.0 *	●	2667	200	68	132
<a href="#">L 07129</a>		L	LE	SE	SW	SW	34	18S	35E	645237.0	3618830.0 *	●	2705	60	40	20
<a href="#">L 00843 POD4</a>		L	LE	SW	SW	SE	14	18S	35E	647353.0	3623626.0	●	2779	200		
<a href="#">L 00843 POD5</a>		L	LE	SE	SW	SW	13	18S	35E	648311.0	3623631.0	●	3051	200		
<a href="#">L 02359</a>		L	LE	SW	SW	NW	01	19S	35E	648277.0	3618071.0 *	●	3066	60	28	32
<a href="#">L 15287 POD1</a>		L	LE	SW	SW	NW	01	19S	35E	648212.7	3618025.8	●	3081	120	60	60
<a href="#">L 02677</a>		L	LE		SW	SE	15	18S	35E	645863.0	3623780.0 *	●	3133	194	54	140
<a href="#">L 05434 S</a>		L	LE	SE	NW	NE	01	19S	35E	649276.2	3618477.6	●	3287	125	70	55
<a href="#">L 03945</a>		L	LE	SW	NE	NE	01	19S	35E	649481.0	3618479.0 *	●	3430	125	70	55
<a href="#">L 05434</a>		L	LE	SW	NE	NE	01	19S	35E	649481.0	3618479.0 *	●	3430	150	70	80
<a href="#">L 03772</a>		L	LE		NE	NE	21	18S	35E	644659.0	3623361.0 *	●	3433	130	60	70
<a href="#">L 06641</a>		L	LE	SE	NE	NW	30	18S	36E	650410.0	3621720.0 *	●	3497	110	42	68
<a href="#">L 00843 POD3</a>		L	LE	NW	NW	SE	14	18S	35E	647391.0	3624350.0	●	3503	200		
<a href="#">L 05200 X-5</a>		L	LE				30	18S	36E	650554.0	3621204.0 *	●	3551	195	55	140
<a href="#">L 02680</a>		L	LE		NW	NE	21	18S	35E	644257.0	3623357.0 *	●	3718	190	59	131

(A CLW#####  
in the POD suffix  
indicates (R=POD has  
the POD has been been  
replaced replaced,  
& no longer O=orphaned,  
serves a water C=the file is  
right file.) 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="#">L 03221</a>		L	LE		SE	NE	14	18S	35E	647868.0	3624613.0 *		3841	100	90	10
<a href="#">L 09574</a>		L	LE		SE	NE	14	18S	35E	647868.0	3624613.0 *		3841	90		
<a href="#">L 09588</a>		L	LE	SE	SW	SE	16	18S	35E	644349.0	3623659.0 *		3862	155	84	71
<a href="#">L 02675</a>		L	LE		SW	NE	15	18S	35E	645850.0	3624587.0 *		3899	197	47	150
<a href="#">L 01545</a>		L	LE	NE	NE	SW	19	18S	36E	650490.2	3622817.5		3982	214	60	154

Average Depth to Water: **63 feet**

Minimum Depth: **28 feet**

Maximum Depth: **154 feet**

**Record Count:** 44

**UTM Filters (in meters):**

**Easting:** 647018.10

**Northing:** 3620866.71

**Radius:** 4000

\* UTM location was derived from PLSS - see Help

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

File No.

# NEW MEXICO OFFICE OF THE STATE ENGINEER



## APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER



(check applicable box):

2-32221

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And / Or Recovery	<input type="checkbox"/> Geo-Thermal
<input type="checkbox"/> Exploratory	<input type="checkbox"/> Construction Site De-Watering	<input checked="" type="checkbox"/> Other (Describe): CATHODIC PROTECTION FOR WELL CASING
<input type="checkbox"/> Monitoring	<input type="checkbox"/> Mineral De-Watering	
A separate permit will be required to apply water to beneficial use.		
<input type="checkbox"/> Temporary Request - Requested Start Date:	Requested End Date:	
Plugging Plan of Operations Submitted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

### 1. APPLICANT(S)

Name: CHARLIE E NEWTON	Name:
Contact or Agent: LESTER HIGGINS <input checked="" type="checkbox"/> check here if Agent	Contact or Agent: <input type="checkbox"/> check here if Agent
Mailing Address: PO BOX 5286	Mailing Address:
City: MIDLAND	City:
State: TEXAS Zip Code: 79704	State: Zip Code:
Phone: 432-682-4326 <input type="checkbox"/> Home <input type="checkbox"/> Cell OFFICE Phone (Work): 432-638-1887 CELL LESTER	Phone: <input type="checkbox"/> Home <input type="checkbox"/> Cell Phone (Work):
E-mail (optional): FAX 432-682-4366	E-mail (optional):

STATE ENGINEER  
NEW MEXICO

FOR OSE INTERNAL USE

Application for Permit, Form wr-07, Rev 4/12/12

File Number: L-13210	Trn Number: 516902
Trans Description (optional): POD 1-3	
Sub-Basin:	
PCW/LOG Due Date: 11-30-13	

2-32221

2. WELL(S) Describe the well(s) applicable to this application.

**Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84).**  
**District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.**

NM State Plane (NAD83) (Feet)     
  UTM (NAD83) (Meters)     
  Lat/Long (WGS84) (to the nearest 1/10<sup>th</sup> of second)

NM West Zone     
  Zone 12N  
 NM East Zone     
  Zone 13N  
 NM Central Zone

Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
SOUTH VAC 35-1	LEA CO.		PALADIN ENERGY
SOUTH VAC 35-2 NE-SE-UNIT #1	LEA CO		PALADIN ENERGY
REEVES 26-4	LEA CO.		PALADIN ENERGY

**NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions)**  
**Additional well descriptions are attached:**  Yes  No      **If yes, how many** THREE

Other description relating well to common landmarks, streets, or other:

Well is on land owned by: PALADIN ENERGY

Well Information: **NOTE: If more than one (1) well needs to be described, provide attachment. Attached?**  Yes  No  
 If yes, how many 3

Approximate depth of well (feet): 80 ft.      Outside diameter of well casing (inches): 10" 8"

Driller Name: ABBOT BROTHERS      Driller License Number: DRIG.LIC. WD 46

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

PLEASE SEE ATTACHED LEGAL DESCRIPTION AND LOCATION WITH DIAGRAM & PROPOSED DRILLING LOCATION

FOR USE INTERNAL USE

Application for Permit Form WR-02

File Number: L-13210

Trn Number: 516902

575-623-8539

08:35:34 05-10-2012

4 14

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application:

<b>Exploratory:</b> <input type="checkbox"/> Include a description of any proposed pump test, if applicable.	<b>Pollution Control and/or Recovery:</b> <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged.	<b>Construction De-Watering:</b> <input type="checkbox"/> Include a description of the proposed dewatering operation. <input type="checkbox"/> The estimated duration of the operation. <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	<b>Mine De-Watering:</b> <input type="checkbox"/> include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation. <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted.
<b>Monitoring:</b> <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.	<input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	<b>Geo-Thermal:</b> <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The amount of water to be diverted and re-injected for the project, <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	<input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.

ACKNOWLEDGEMENT

I, We (name of applicant(s)), CHARLIE - NEWTON - CORROSION-SPECIALIST  
Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

WESTERN-CATHODIC, INC  
Applicant Signature

Charlie F Newton  
Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

approved  partially approved  denied

provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval.

Witness my hand and seal this 16<sup>th</sup> day of November 20 12, for the State Engineer,

Scott A. Verhines, P.E. State Engineer

By: Andy Morley  
Signature

Print

Title: Andy Morley, Acting Manager District II

Print Andy Morley - District II

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number: L-13210 Trn Number: 96A02



**WESTERN CATHODIC, INC.**  
PO. BOX 5286, MIDLAND, TX. 79704  
PHONE 432-682-4326  
FAX 432-682-4366

DATE 11/5/2012

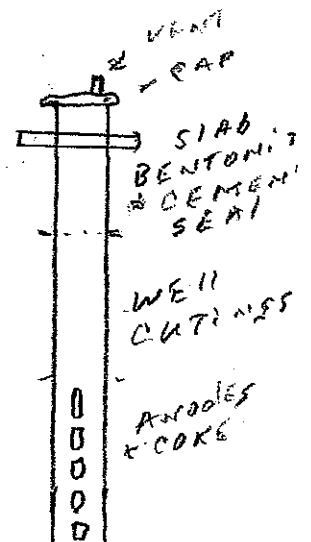
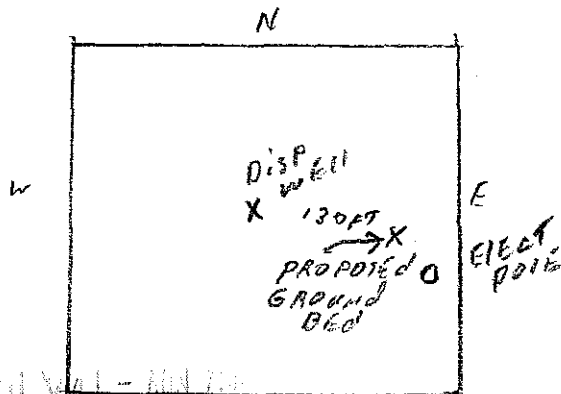
BY LESTER HIGGINS  
CEL 432-638-1887

PROPOSED CATHODIC GROUND BED FOR WELL CASING WITH DIAGRAM AND  
LEGAL DESCRIPTION AS POSTED ON WELL LOCATION

PALADIN ENERGY CORP.

SOUTH VAC 35-1  
UNIT G SEC. 35-T 18- S-R 35 E  
1980 FNL & 180 FEL  
LEA CO. NM  
GPS N32-42-357 W 103-25-568

DRILL 12" X 80' WELL WITH RATHOLE RIG & INSTALL 5- 3" X 60" GRAPHITE  
ANODES WITH 800# COKE BREEZ WITH 80' 1" SCH 40 PVC VENT PIPE  
WITH 10' - 10" SCH. 40 PVC SURFACE CASING BACK FILL WITH WELL  
CUTINGS TO BOTOM OF CASING SEAL CASING WITH BENTONITE AND CEMENT  
SLUREY WITH 2' X 2' CEMENT SLAB AT SURFACE WITH ANODE JCT. BOX  
TO CONECT TO RECTIFIER



STATE ENGINEER  
SOUTH PLAINS DISTRICT

L-13210  
516902



**WESTERN CATHODIC, INC.**  
PO. BOX 5286 - MIDLAND, TX. 79704  
PHONE 432-682-4326  
FAX 432-682-4366

2-32221

DATE 11/5/2012

BY LESTER HIGGINS  
CEL 432-638-1887

PROPOSED CATHODIC GROUND BED FOR WELL CASING WITH DIAGRAM AND  
LEGAL DESCRIPTION AS POSTED ON WELL LOCATION

PALADIN ENERGY CORP.

SOUTH VAC UNIT 35-2

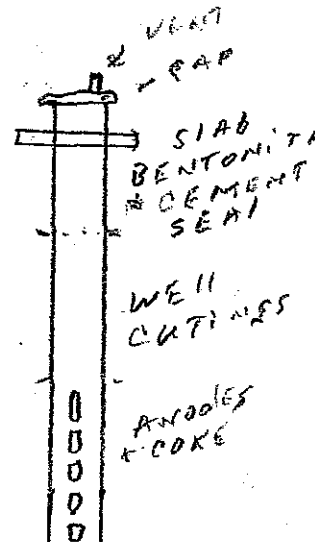
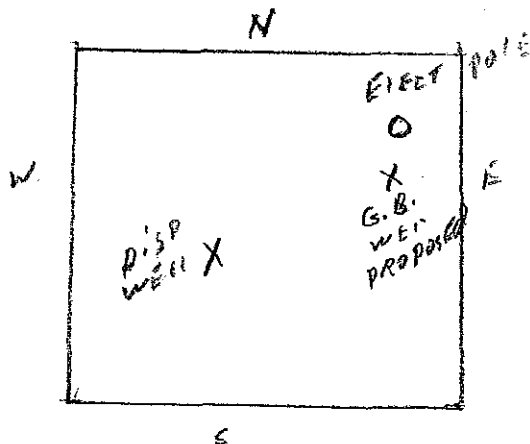
NE-SE-UNIT #1

SEC.35 T 18 SR 35 E

LEA CO. NM

GPS N32-42-146 W103-25-280

DRILL 12"X 80' WELL WITH RATHOLE RIG & INSTALL 5- 3"X60"GRAPHITE  
ANODES WITH 800# COKE BREEZ WITH 80' 1" SCH 40 PVC VENT PIPE  
WITH 10' -10" SCH.40 PVC SURFACE CASING BACK FILL WITH WELL  
CUTINGS TO BOTOM OF CASING SEAL CASING WITH BENTONITE AND CEMENT  
SLUREY WITH 2'x 2' CEMENT SLAB AT SURFACE WITH ANODE JCT. BOX  
TO CONECT TO RECTIFIER



STATE ENGINEER OFFICE  
L-13210  
516902

NEW MEXICO STATE ENGINEER OFFICE  
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL

- 1B Depth of the well shall not exceed the thickness of the Ogallala formation.
- 4 No water shall be appropriated and beneficially used under this permit.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- C Driller's well record must be filed with the State Engineer within 20 days after the well is drilled or driven. Well record forms will be provided by the State Engineer upon request.
- P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between geologic zones.
- LOG The Point of Diversion L 13210 POD1 must be completed and the Well Log filed on or before 11/30/2013.
- LOG The Point of Diversion L 13210 POD2 must be completed and the Well Log filed on or before 11/30/2013.
- LOG The Point of Diversion L 13210 POD3 must be completed and the Well Log filed on or before 11/30/2013.

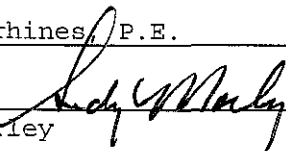
ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 11/07/2012	Pub. of Notice Ordered:
Date Returned - Correction:	Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 16<sup>th</sup> day of Nov A.D., 2012

Scott A. Verhines P.E., State Engineer

By:   
Andy Morley

Trn Desc: L-13210 CATHODIC

File Number: L 13210

Trn Number: 516902

**Locator Tool Report**

**General Information:**

Application ID:267                      Date: 11-08-2012                      Time: 11:31:04

WR File Number: L  
Purpose: POINT OF DIVERSION

Applicant First Name: NEWTON/HIGGINS  
Applicant Last Name: SOUTH VAC 35-1

GW Basin: LEA COUNTY  
County: LEA

Critical Management Area Name(s): NONE  
Special Condition Area Name(s): NONE  
Land Grant Name: NON GRANT

**PLSS Description (New Mexico Principal Meridian):**

SE 1/4 of NW 1/4 of SW 1/4 of NE 1/4 of Section 35, Township 18S, Range 35E.

**Coordinate System Details:**

**Geographic Coordinates:**

Latitude:            32 Degrees 42 Minutes 21.4 Seconds N  
Longitude:           103 Degrees 25 Minutes 34.1 Seconds W

**Universal Transverse Mercator Zone: 13N**

NAD 1983(92) (Meters)	N: 3,619,784	E: 647,518
NAD 1983(92) (Survey Feet)	N: 11,875,909	E: 2,124,397
NAD 1927 (Meters)	N: 3,619,581	E: 647,567
NAD 1927 (Survey Feet)	N: 11,875,243	E: 2,124,560

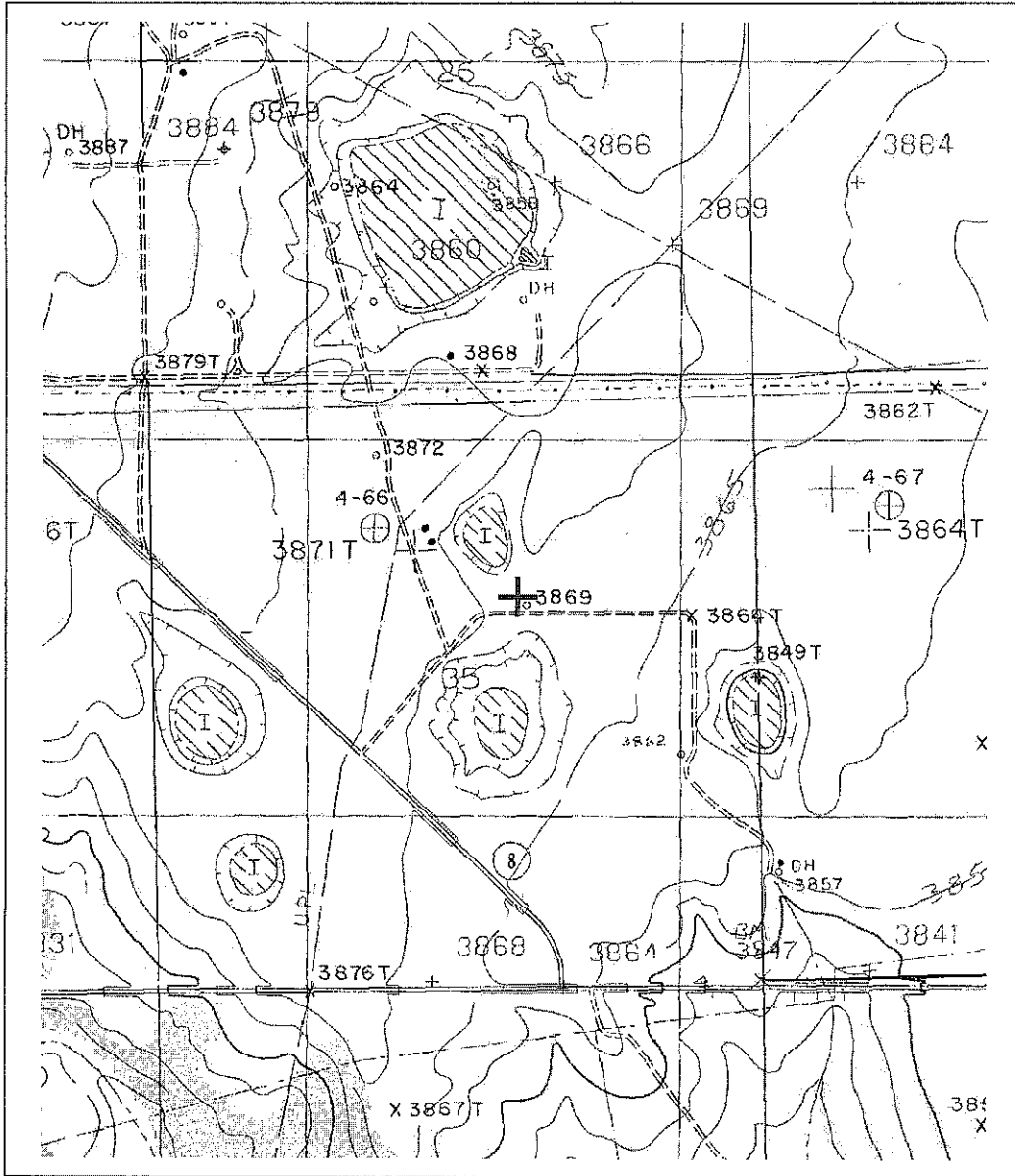
**State Plane Coordinate System Zone: New Mexico East**

NAD 1983(92) (Meters)	N: 189,510	E: 250,055
NAD 1983(92) (Survey Feet)	N: 621,750	E: 820,388
NAD 1927 (Meters)	N: 189,490	E: 237,503
NAD 1927 (Survey Feet)	N: 621,686	E: 779,208

*L-13210  
516902*

**NEW MEXICO OFFICE OF STATE ENGINEER**

**Locator Tool Report**



WR File Number: L

Scale: 1:19,831

Northing/Easting: UTM83(92) (Meter): N: 3,619,784

E: 647,518

Northing/Easting: SPCS83(92) (Feet): N: 621,750

E: 820,388

GW Basin: Lea County

Page 2 of 2

L-13210  
S16A02

Print Date: 11/08/2012

**Locator Tool Report**

**General Information:**

Application ID:267                      Date: 11-08-2012                      Time: 11:31:04

WR File Number: L  
Purpose: POINT OF DIVERSION

Applicant First Name: NEWTON/HIGGINS  
Applicant Last Name: SOUTH VAC 35-2 NE-SE-UNIT #1

GW Basin: LEA COUNTY  
County: LEA

Critical Management Area Name(s): NONE  
Special Condition Area Name(s): NONE  
Land Grant Name: NON GRANT

**PLSS Description (New Mexico Principal Meridian):**

SE 1/4 of NW 1/4 of SW 1/4 of NE 1/4 of Section 35, Township 18S, Range 35E.

**Coordinate System Details:**

**Geographic Coordinates:**

Latitude:            32 Degrees 42 Minutes 21.4 Seconds N  
Longitude:           103 Degrees 25 Minutes 34.1 Seconds W

**Universal Transverse Mercator Zone: 13N**

NAD 1983(92) (Meters)	N: 3,619,784	E: 647,518
NAD 1983(92) (Survey Feet)	N: 11,875,909	E: 2,124,397
NAD 1927 (Meters)	N: 3,619,581	E: 647,567
NAD 1927 (Survey Feet)	N: 11,875,243	E: 2,124,560

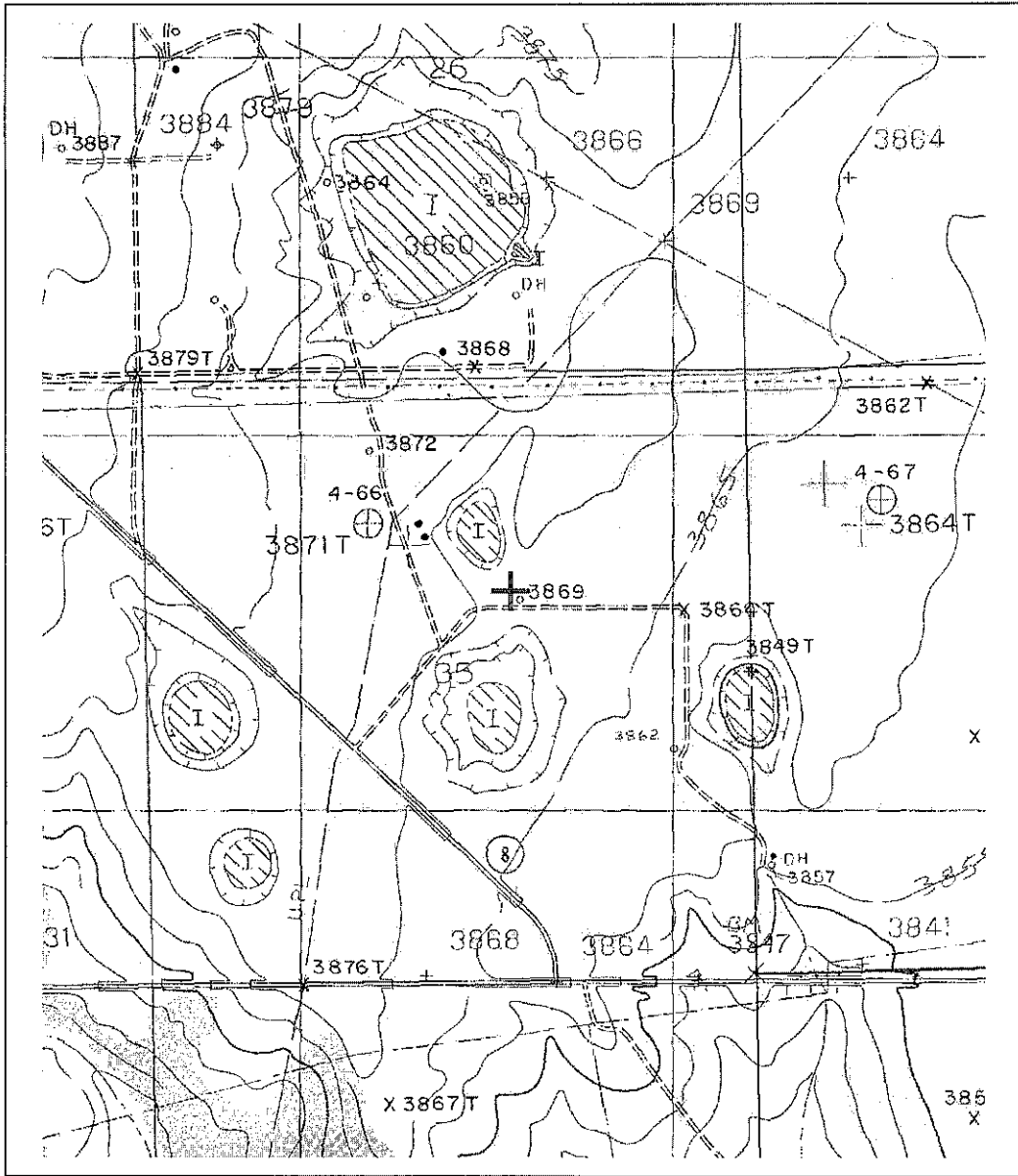
**State Plane Coordinate System Zone: New Mexico East**

NAD 1983(92) (Meters)	N: 189,510	E: 250,055
NAD 1983(92) (Survey Feet)	N: 621,750	E: 820,388
NAD 1927 (Meters)	N: 189,490	E: 237,503
NAD 1927 (Survey Feet)	N: 621,686	E: 779,208

*L-13210  
516902*

# NEW MEXICO OFFICE OF STATE ENGINEER

## Locator Tool Report



WR File Number: L

Scale: 1:19,831

Northing/Easting: UTM83(92) (Meter): N: 3,619,784

E: 647,518

Northing/Easting: SPCS83(92) (Feet): N: 621,750

E: 820,388

GW Basin: Lea County

Page 2 of 2

L-13210  
516902

Print Date: 11/08/2012

**Locator Tool Report**

**General Information:**

Application ID:267                      Date: 11-08-2012                      Time: 13:04:52

WR File Number: L  
Purpose: POINT OF DIVERSION

Applicant First Name: NEWTON/HIGGINS  
Applicant Last Name: REEVES 26-4

GW Basin: LEA COUNTY  
County: LEA

Critical Management Area Name(s): NONE  
Special Condition Area Name(s): NONE  
Land Grant Name: NON GRANT

**PLSS Description (New Mexico Principal Meridian):**

SE 1/4 of SW 1/4 of NE 1/4 of SW 1/4 of Section 26, Township 18S, Range 35E.

**Coordinate System Details:**

**Geographic Coordinates:**

Latitude:        32 Degrees 42 Minutes 56.5 Seconds N  
Longitude:      103 Degrees 25 Minutes 51.7 Seconds W

**Universal Transverse Mercator Zone: 13N**

NAD 1983(92) (Meters)	N: 3,620,857	E: 647,044
NAD 1983(92) (Survey Feet)	N: 11,879,427	E: 2,122,843
NAD 1927 (Meters)	N: 3,620,654	E: 647,093
NAD 1927 (Survey Feet)	N: 11,878,761	E: 2,123,005

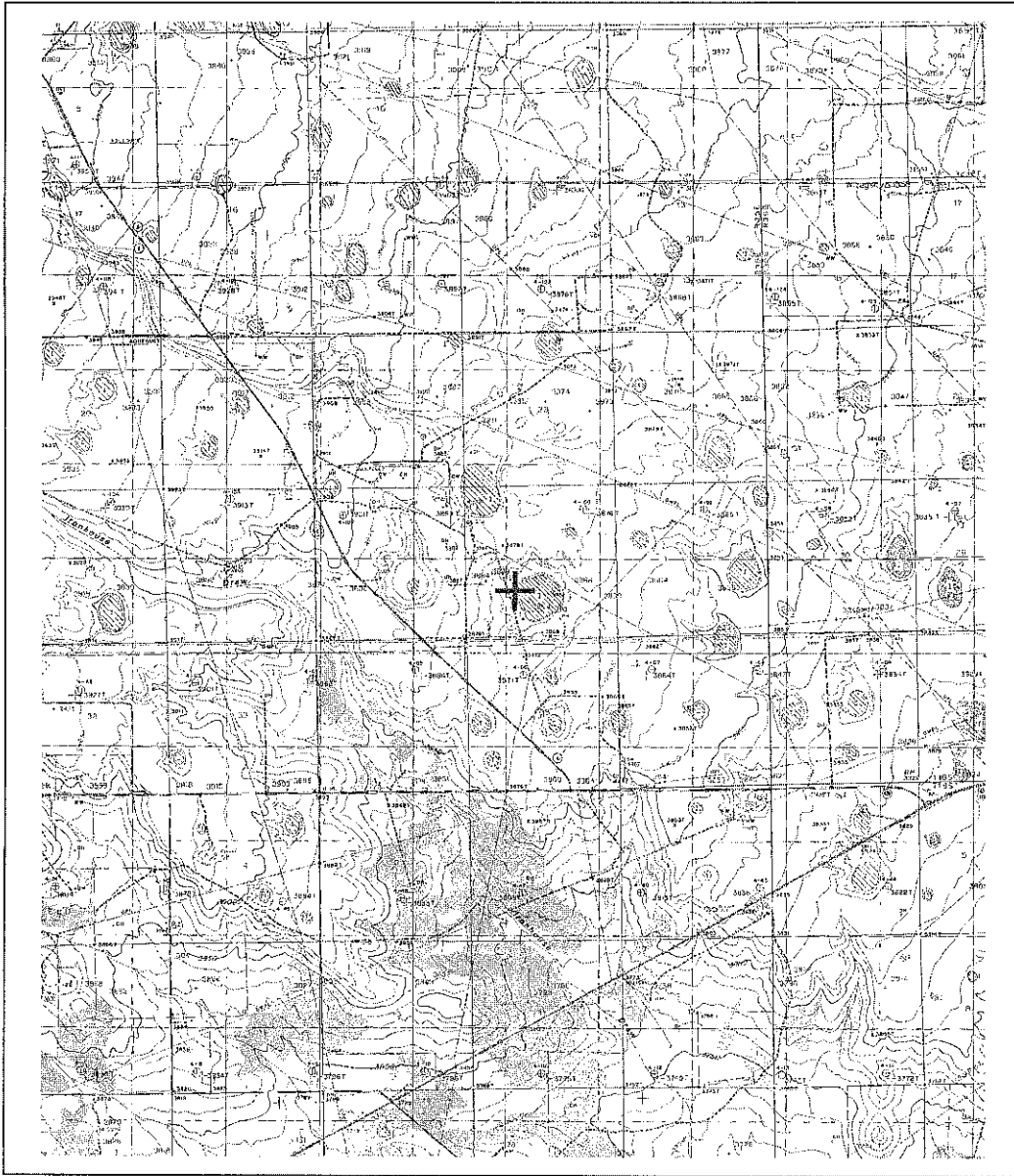
**State Plane Coordinate System Zone: New Mexico East**

NAD 1983(92) (Meters)	N: 190,585	E: 249,588
NAD 1983(92) (Survey Feet)	N: 625,278	E: 818,855
NAD 1927 (Meters)	N: 190,566	E: 237,036
NAD 1927 (Survey Feet)	N: 625,214	E: 777,675

L-13210  
516902

**NEW MEXICO OFFICE OF STATE ENGINEER**

**Locator Tool Report**



WR File Number: L

Scale: 1:79,322

Northing/Easting: UTM83(92) (Meter): N: 3,620,857

E: 647,044

Northing/Easting: SPCS83(92) (Feet): N: 625,278

E: 818,855

GW Basin: Lea County

Page 2 of 2

L-13210  
516902

Print Date: 11/08/2012



**WESTERN CATHODIC, INC.**  
PO. BOX 5286, MIDLAND TX. 79704  
PHONE 432-682-4326

2-32221

TO NEW MEXICO STATE ENGINEER  
APPLICATION FOR DRILL PERMIT  
CATHODIC PROTECTION  
WELL CASING

DATE 11/5/2012



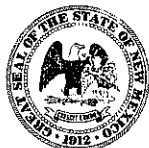
INCLOSED ARE APLICATIONS FOR 3 PERMITS ON 3LOCATIONS  
WITH CHECK FOR \$ 15.00  
IN TRIPLICATE

THANK YOU  
LESTER HIGGINS  
CORROSION TEC. WESTERN CATHODIC

NOV 14 2012  
STATE ENGINEER OFFICE

L-13210  
516902

Scott A. Verhines, P.E.  
State Engineer



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

**STATE OF NEW MEXICO  
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 516902  
File Nbr: L 13210

Nov. 16, 2012

LESTER HIGGINS  
PO BOX 5286  
MIDLAND, TX 79704

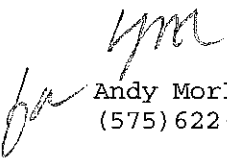
Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page. In accordance with the conditions of approval, the well can only be tested for 10 cumulative days, and the well is to be plugged on or before 11/30/2013, unless a permit to use the water is acquired from this office.

A Well Record & Log (OSE Form wr-20) shall be filed in this office within twenty (20) days after completion of drilling, but no later than 11/30/2013.

Appropriate forms can be downloaded from the OSE website [www.ose.state.nm.us](http://www.ose.state.nm.us) or will be mailed upon request.

Sincerely,

  
Andy Morley  
(575) 622-6521

Enclosure



# PLUGGING RECORD



**NOTE:** A Well Plugging Plan of Operations shall be approved by the State Engineer prior to plugging - 19.27.4 NMAC

**I. GENERAL / WELL OWNERSHIP:**

State Engineer Well Number: L-13210-POD3  
Well owner: Coterra Energy Co. Phone No.: (432) 208-3035  
Mailing address: 840 Gessner Road, Ste. 1400  
City: Houston State: TX Zip code: 77024

**II. WELL PLUGGING INFORMATION:**

- 1) Name of well drilling company that plugged well: H&R Enterprises, LLC
- 2) New Mexico Well Driller License No.: WD-1862 Expiration Date: 6/16/27
- 3) Well plugging activities were supervised by the following well driller(s)/rig supervisor(s): Nathan Smelcer
- 4) Date well plugging began: 1-15-26 Date well plugging concluded: 1-15-26
- 5) GPS Well Location: Latitude: 32 deg, 42 min, 56.50 sec  
Longitude: 103 deg, 25 min, 51.70 sec, WGS 84
- 6) Depth of well confirmed at initiation of plugging as: 51 ft below ground level (bgl),  
by the following manner: well sounder
- 7) Static water level measured at initiation of plugging: Dry ft bgl
- 8) Date well plugging plan of operations was approved by the State Engineer: 12/16/25
- 9) Were all plugging activities consistent with an approved plugging plan? Yes If not, please describe differences between the approved plugging plan and the well as it was plugged (attach additional pages as needed):

- 10) Log of Plugging Activities - Label vertical scale with depths, and indicate separate plugging intervals with horizontal lines as necessary to illustrate material or methodology changes. Attach additional pages if necessary.

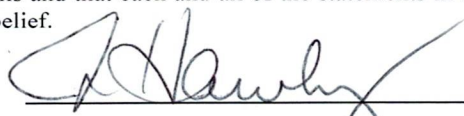
For each interval plugged, describe within the following columns:

<u>Depth</u> (ft bgl)	<u>Plugging Material Used</u> (include any additives used)	<u>Volume of Material Placed</u> (gallons)	<u>Theoretical Volume of Borehole/ Casing</u> (gallons)	<u>Placement Method</u> (tremie pipe, other)	<u>Comments</u> ("casing perforated first", "open annular space also plugged", etc.)
0' - 60' 20% solids slurry Quik-Grout		Approx. 567 gallons	567 gallons	Tremie	

MULTIPLY	BY	AND OBTAIN
cubic feet x	7.4805	= gallons
cubic yards x	201.97	= gallons

**III. SIGNATURE:**

I, James Hawley, say that I am familiar with the rules of the Office of the State Engineer pertaining to the plugging of wells and that each and all of the statements in this Plugging Record and attachments are true to the best of my knowledge and belief.

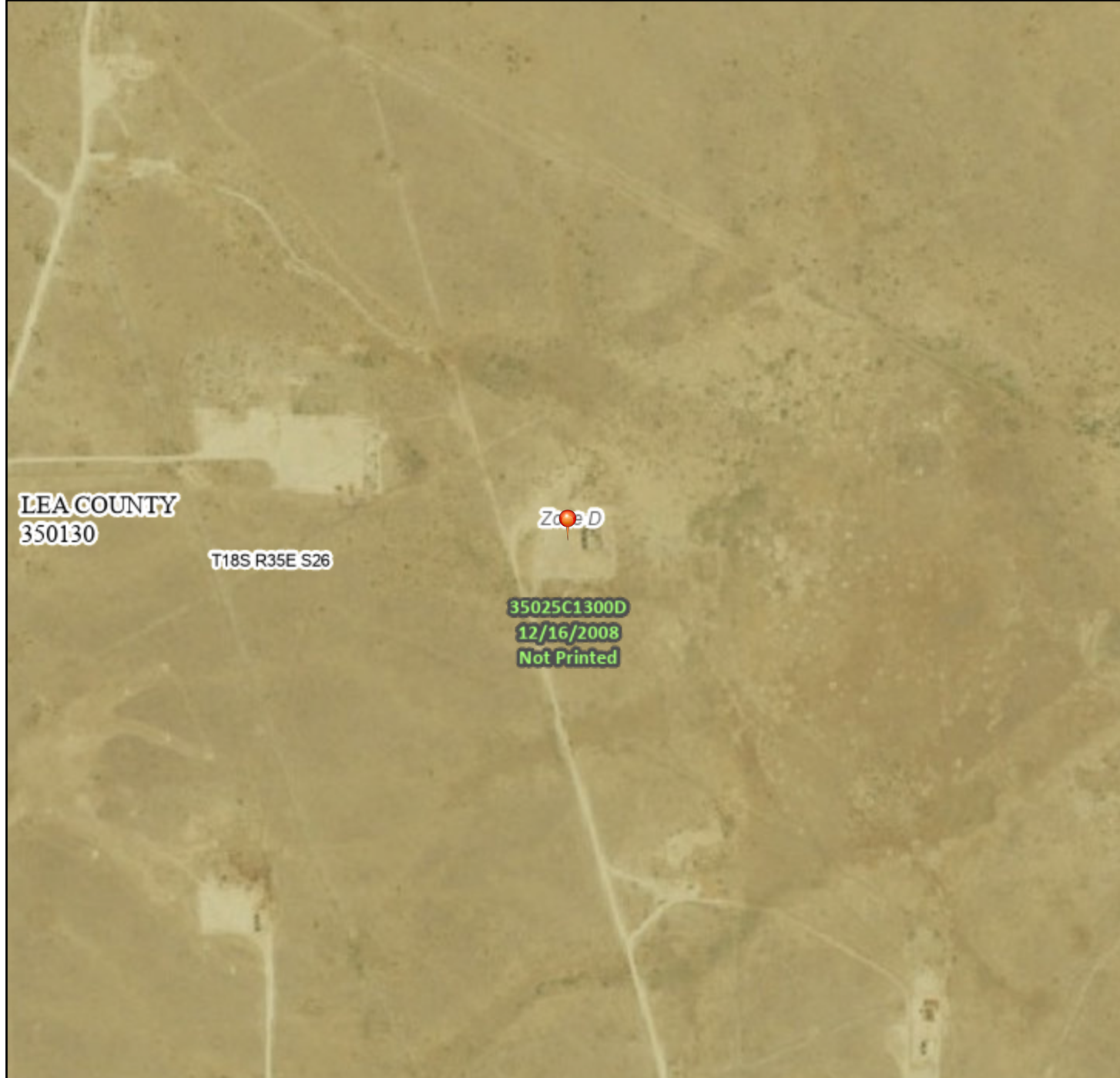
  
 \_\_\_\_\_  
 Signature of Well Driller

1/23/26  
 \_\_\_\_\_  
 Date

# National Flood Hazard Layer FIRMette



103°26'11"W 32°43'12"N



## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
    - Without Base Flood Elevation (BFE) Zone A, V, A99
    - With BFE or Depth Zone AE, AO, AH, VE, AR
    - Regulatory Floodway
  - OTHER AREAS OF FLOOD HAZARD**
    - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
    - Future Conditions 1% Annual Chance Flood Hazard Zone X
    - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
    - Area with Flood Risk due to Levee Zone D
  - OTHER AREAS**
    - NO SCREEN Area of Minimal Flood Hazard Zone X
    - Effective LOMRs
    - Area of Undetermined Flood Hazard Zone D
  - GENERAL STRUCTURES**
    - Channel, Culvert, or Storm Sewer
    - Levee, Dike, or Floodwall
  - OTHER FEATURES**
    - Cross Sections with 1% Annual Chance Water Surface Elevation
    - Coastal Transect
    - Base Flood Elevation Line (BFE)
    - Limit of Study
    - Jurisdiction Boundary
    - Coastal Transect Baseline
    - Profile Baseline
    - Hydrographic Feature
  - MAP PANELS**
    - Digital Data Available
    - No Digital Data Available
    - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



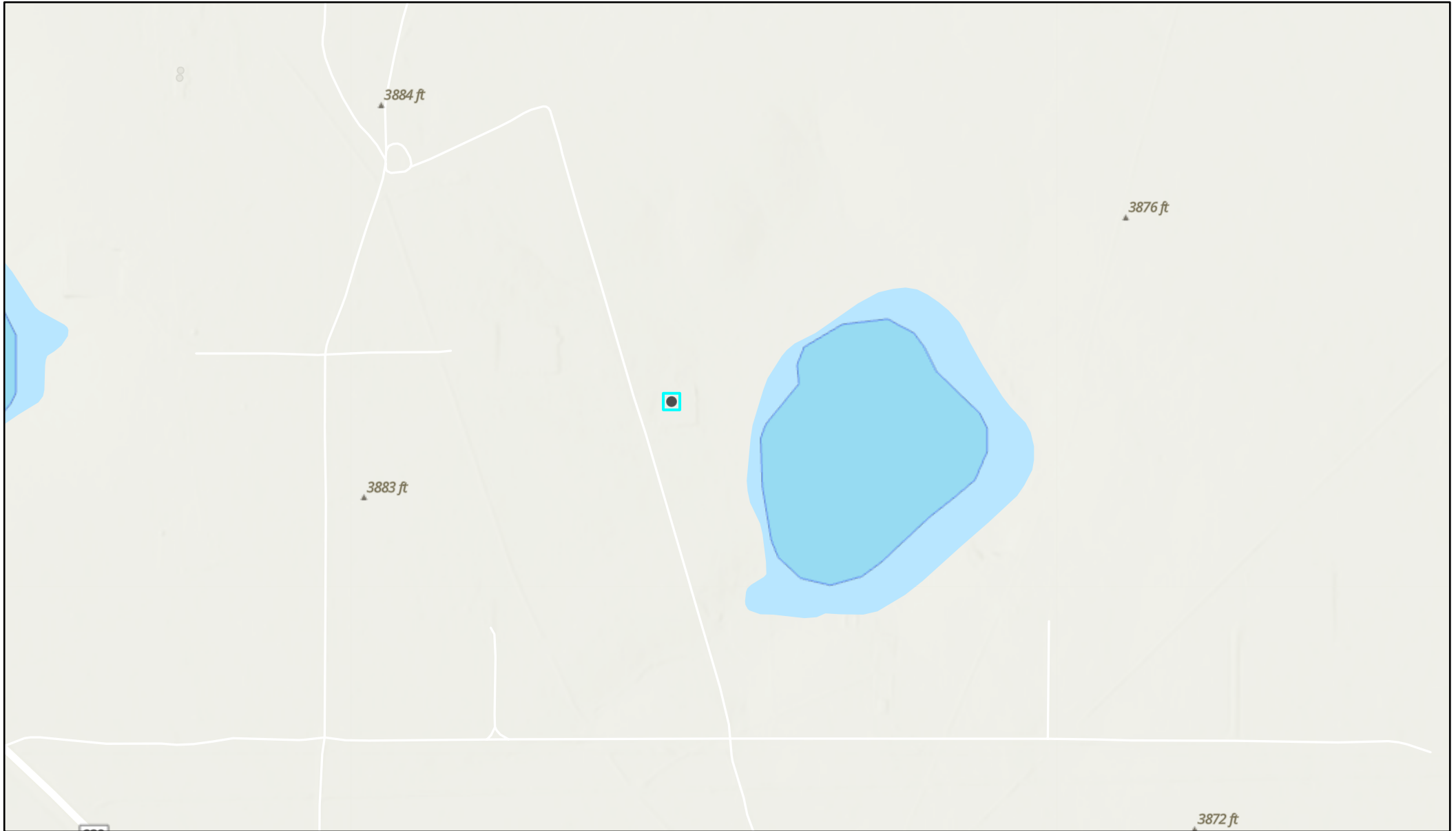
1:6,000

103°25'34"W 32°42'42"N

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

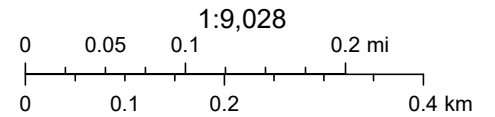
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/30/2025 at 7:30 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



12/30/2025, 1:10:50 PM

 OSW Water Bodys



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

Generated 12/30/2025 3:18:42 PM

## JOB DESCRIPTION

REEVES 26 - 4 SWD  
 2875

## JOB NUMBER

890-9246-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated  
12/30/2025 3:18:42 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: REEVES 26 - 4 SWD

Laboratory Job ID: 890-9246-1  
SDG: 2875

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: REEVES 26 - 4 SWD

Job ID: 890-9246-1

**Job ID: 890-9246-1**

**Eurofins Carlsbad**

### Job Narrative 890-9246-1

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 12/18/2025 3:00 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 0.0°C.

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (7.0') (890-9246-1), CS - 2 (7.0') (890-9246-2), CS - 3 (7.0') (890-9246-3), CS - 4 (7.0') (890-9246-4), CS - 5 (7.0') (890-9246-5), CS - 6 (7.0') (890-9246-6), CS - 7 (7.0') (890-9246-7), CS - 8 (7.0') (890-9246-8), CS - 9 (7.0') (890-9246-9), CS - 10 (7.0') (890-9246-10) and CS - 11 (7.0') (890-9246-11).

#### GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS - 7 (7.0') (890-9246-7) and CS - 9 (7.0') (890-9246-9). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127386 and analytical batch 880-127557 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.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127411 and analytical batch 880-127887 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.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-127411 and analytical batch 880-127887 recovered outside control limits for the following analytes: m-Xylene & p-Xylene. Since only an acceptable LCS is required per the method, the data has been qualified and reported.

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

#### Diesel Range Organics

Method 8015MOD\_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127199 and analytical batch 880-127400 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127285 and analytical batch 880-127333 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.

Eurofins Carlsbad

## Case Narrative

Client: Carmona Resources  
Project: REEVES 26 - 4 SWD

Job ID: 890-9246-1

**Job ID: 890-9246-1 (Continued)**

**Eurofins Carlsbad**

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

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Eurofins Carlsbad

### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 1 (7.0')**

**Lab Sample ID: 890-9246-1**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/22/25 09:20	12/24/25 17:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/22/25 09:20	12/24/25 17:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/22/25 09:20	12/24/25 17:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/22/25 09:20	12/24/25 17:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/22/25 09:20	12/24/25 17:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/22/25 09:20	12/24/25 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	12/22/25 09:20	12/24/25 17:28	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/22/25 09:20	12/24/25 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/24/25 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	77.0		50.1		mg/Kg			12/23/25 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/19/25 08:13	12/23/25 06:00	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/19/25 08:13	12/23/25 06:00	1
Oil Range Organics (Over C28-C36)	77.0		50.1		mg/Kg		12/19/25 08:13	12/23/25 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	12/19/25 08:13	12/23/25 06:00	1
o-Terphenyl (Surr)	98		70 - 130	12/19/25 08:13	12/23/25 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		49.8		mg/Kg			12/20/25 15:23	5

**Client Sample ID: CS - 2 (7.0')**

**Lab Sample ID: 890-9246-2**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 09:20	12/24/25 17:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/25 09:20	12/24/25 17:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/25 09:20	12/24/25 17:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/25 09:20	12/24/25 17:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/25 09:20	12/24/25 17:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/25 09:20	12/24/25 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	12/22/25 09:20	12/24/25 17:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	12/22/25 09:20	12/24/25 17:48	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 2 (7.0')**

**Lab Sample ID: 890-9246-2**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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			12/24/25 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/23/25 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 02:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 02:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	12/19/25 08:16	12/23/25 02:14	1
o-Terphenyl (Surr)	108		70 - 130	12/19/25 08:16	12/23/25 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	997		9.90		mg/Kg			12/20/25 15:40	1

**Client Sample ID: CS - 3 (7.0')**

**Lab Sample ID: 890-9246-3**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 09:20	12/24/25 18:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/22/25 09:20	12/24/25 18:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/22/25 09:20	12/24/25 18:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/22/25 09:20	12/24/25 18:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/22/25 09:20	12/24/25 18:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/22/25 09:20	12/24/25 18:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	12/22/25 09:20	12/24/25 18:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130	12/22/25 09:20	12/24/25 18:09	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			12/24/25 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/23/25 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 02:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 02:59	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 3 (7.0')**

**Lab Sample ID: 890-9246-3**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/19/25 08:16	12/23/25 02:59	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)	113		70 - 130				12/19/25 08:16	12/23/25 02:59	1
o-Terphenyl (Surr)	115		70 - 130				12/19/25 08:16	12/23/25 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		49.6		mg/Kg			12/20/25 15:45	5

**Client Sample ID: CS - 4 (7.0')**

**Lab Sample ID: 890-9246-4**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 09:20	12/24/25 18:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 18:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 18:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/25 09:20	12/24/25 18:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 18:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/25 09:20	12/24/25 18:29	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)	117		70 - 130				12/22/25 09:20	12/24/25 18:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130				12/22/25 09:20	12/24/25 18:29	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			12/24/25 18:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			12/23/25 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 03:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 03:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 03:14	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)	111		70 - 130				12/19/25 08:16	12/23/25 03:14	1
o-Terphenyl (Surr)	114		70 - 130				12/19/25 08:16	12/23/25 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		10.0		mg/Kg			12/20/25 15:51	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 5 (7.0')**

**Lab Sample ID: 890-9246-5**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/30/25 10:00	12/30/25 12:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/30/25 10:00	12/30/25 12:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/30/25 10:00	12/30/25 12:04	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		12/30/25 10:00	12/30/25 12:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/30/25 10:00	12/30/25 12:04	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		12/30/25 10:00	12/30/25 12:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	12/30/25 10:00	12/30/25 12:04	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/30/25 10:00	12/30/25 12:04	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			12/30/25 12:04	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			12/23/25 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 03:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 03:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	12/19/25 08:16	12/23/25 03:29	1
o-Terphenyl (Surr)	115		70 - 130	12/19/25 08:16	12/23/25 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1690		50.2		mg/Kg			12/20/25 15:57	5

**Client Sample ID: CS - 6 (7.0')**

**Lab Sample ID: 890-9246-6**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 08:44	12/24/25 01:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/22/25 08:44	12/24/25 01:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/22/25 08:44	12/24/25 01:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/22/25 08:44	12/24/25 01:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/22/25 08:44	12/24/25 01:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/22/25 08:44	12/24/25 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	12/22/25 08:44	12/24/25 01:41	1
1,4-Difluorobenzene (Surr)	108		70 - 130	12/22/25 08:44	12/24/25 01:41	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 6 (7.0')**

**Lab Sample ID: 890-9246-6**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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			12/24/25 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			12/23/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 03:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 03:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130				12/19/25 08:16	12/23/25 03:43	1
o-Terphenyl (Surr)	104		70 - 130				12/19/25 08:16	12/23/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		10.1		mg/Kg			12/20/25 16:13	1

**Client Sample ID: CS - 7 (7.0')**

**Lab Sample ID: 890-9246-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 08:44	12/24/25 02:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/22/25 08:44	12/24/25 02:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/22/25 08:44	12/24/25 02:02	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		12/22/25 08:44	12/24/25 02:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/22/25 08:44	12/24/25 02:02	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		12/22/25 08:44	12/24/25 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	58	S1-	70 - 130				12/22/25 08:44	12/24/25 02:02	1
1,4-Difluorobenzene (Surr)	53	S1-	70 - 130				12/22/25 08:44	12/24/25 02:02	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			12/24/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			12/23/25 03:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		12/19/25 08:16	12/23/25 03:58	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		12/19/25 08:16	12/23/25 03:58	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 7 (7.0')**

**Lab Sample ID: 890-9246-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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)	<50.1	U	50.1		mg/Kg		12/19/25 08:16	12/23/25 03:58	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)	107		70 - 130				12/19/25 08:16	12/23/25 03:58	1
o-Terphenyl (Surr)	110		70 - 130				12/19/25 08:16	12/23/25 03:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		50.4		mg/Kg			12/20/25 16:19	5

**Client Sample ID: CS - 8 (7.0')**

**Lab Sample ID: 890-9246-8**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 08:44	12/24/25 02:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/25 08:44	12/24/25 02:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/25 08:44	12/24/25 02:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/25 08:44	12/24/25 02:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/25 08:44	12/24/25 02:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/25 08:44	12/24/25 02:22	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)	121		70 - 130				12/22/25 08:44	12/24/25 02:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130				12/22/25 08:44	12/24/25 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			12/24/25 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			12/23/25 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 04:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 04:13	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)	111		70 - 130				12/19/25 08:16	12/23/25 04:13	1
o-Terphenyl (Surr)	112		70 - 130				12/19/25 08:16	12/23/25 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		49.9		mg/Kg			12/20/25 16:25	5

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 9 (7.0')**

**Lab Sample ID: 890-9246-9**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/22/25 08:44	12/24/25 02:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/22/25 08:44	12/24/25 02:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/22/25 08:44	12/24/25 02:43	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/22/25 08:44	12/24/25 02:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/22/25 08:44	12/24/25 02:43	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/22/25 08:44	12/24/25 02:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	53	S1-	70 - 130	12/22/25 08:44	12/24/25 02:43	1
1,4-Difluorobenzene (Surr)	47	S1-	70 - 130	12/22/25 08:44	12/24/25 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/24/25 02:43	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			12/23/25 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 04:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 04:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 04:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	12/19/25 08:16	12/23/25 04:28	1
o-Terphenyl (Surr)	107		70 - 130	12/19/25 08:16	12/23/25 04:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		9.94		mg/Kg			12/20/25 16:30	1

**Client Sample ID: CS - 10 (7.0')**

**Lab Sample ID: 890-9246-10**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 08:44	12/24/25 03:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/24/25 03:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/24/25 03:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/25 08:44	12/24/25 03:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/24/25 03:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/25 08:44	12/24/25 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/22/25 08:44	12/24/25 03:03	1
1,4-Difluorobenzene (Surr)	103		70 - 130	12/22/25 08:44	12/24/25 03:03	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 10 (7.0')**

**Lab Sample ID: 890-9246-10**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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			12/24/25 03:03	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			12/23/25 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 04:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 04:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	12/19/25 08:16	12/23/25 04:43	1
o-Terphenyl (Surr)	107		70 - 130	12/19/25 08:16	12/23/25 04:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1040		9.96		mg/Kg			12/20/25 16:36	1

**Client Sample ID: CS - 11 (7.0')**

**Lab Sample ID: 890-9246-11**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/22/25 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:48	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/25 10:10	12/22/25 22:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/25 10:10	12/22/25 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/22/25 10:10	12/22/25 22:48	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/22/25 10:10	12/22/25 22:48	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			12/22/25 22:48	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			12/23/25 04:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 04:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 04:58	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 11 (7.0')**

**Lab Sample ID: 890-9246-11**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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)	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130				12/19/25 08:16	12/23/25 04:58	1
o-Terphenyl (Surr)	112		70 - 130				12/19/25 08:16	12/23/25 04:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2190	F1	49.5		mg/Kg			12/20/25 16:42	5

## Surrogate Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

## 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)
880-66372-A-1-C MS	Matrix Spike	110	96
880-66372-A-1-D MSD	Matrix Spike Duplicate	108	101
880-66397-A-161-E MS	Matrix Spike	17 S1-	126
880-66397-A-161-F MSD	Matrix Spike Duplicate	10 S1-	83
890-9246-1	CS - 1 (7.0')	115	94
890-9246-2	CS - 2 (7.0')	118	94
890-9246-3	CS - 3 (7.0')	119	93
890-9246-4	CS - 4 (7.0')	117	94
890-9246-5	CS - 5 (7.0')	130	111
890-9246-6	CS - 6 (7.0')	116	108
890-9246-7	CS - 7 (7.0')	58 S1-	53 S1-
890-9246-8	CS - 8 (7.0')	121	102
890-9246-9	CS - 9 (7.0')	53 S1-	47 S1-
890-9246-10	CS - 10 (7.0')	117	103
890-9246-11	CS - 11 (7.0')	113	97
890-9246-11 MS	CS - 11 (7.0')	110	98
890-9246-11 MSD	CS - 11 (7.0')	111	94
890-9256-A-21-B MS	Matrix Spike	109	98
890-9256-A-21-C MSD	Matrix Spike Duplicate	117	95
LCS 880-127376/1-A	Lab Control Sample	112	104
LCS 880-127386/1-A	Lab Control Sample	113	93
LCS 880-127411/1-A	Lab Control Sample	96	92
LCS 880-127412/1-A	Lab Control Sample	104	93
LCS 880-127376/2-A	Lab Control Sample Dup	92	103
LCS 880-127386/2-A	Lab Control Sample Dup	114	93
LCS 880-127411/2-A	Lab Control Sample Dup	114	100
LCS 880-127412/2-A	Lab Control Sample Dup	106	93
MB 880-127273/5-A	Method Blank	97	92
MB 880-127376/5-A	Method Blank	112	97
MB 880-127386/5-A	Method Blank	106	91
MB 880-127411/5-A	Method Blank	118	97
MB 880-127412/5-A	Method Blank	100	92
MB 880-127607/5-A	Method Blank	109	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)
880-66319-A-23-C MS	Matrix Spike	96	94
880-66319-A-23-D MSD	Matrix Spike Duplicate	98	95
890-9246-1	CS - 1 (7.0')	89	98
890-9246-2	CS - 2 (7.0')	105	108
890-9246-2 MS	CS - 2 (7.0')	109	116
890-9246-2 MSD	CS - 2 (7.0')	101	105

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### Surrogate Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9246-3	CS - 3 (7.0')	113	115
890-9246-4	CS - 4 (7.0')	111	114
890-9246-5	CS - 5 (7.0')	112	115
890-9246-6	CS - 6 (7.0')	102	104
890-9246-7	CS - 7 (7.0')	107	110
890-9246-8	CS - 8 (7.0')	111	112
890-9246-9	CS - 9 (7.0')	104	107
890-9246-10	CS - 10 (7.0')	107	107
890-9246-11	CS - 11 (7.0')	110	112
LCS 880-127199/2-A	Lab Control Sample	101	96
LCS 880-127201/2-A	Lab Control Sample	103	110
LCSD 880-127199/3-A	Lab Control Sample Dup	99	94
LCSD 880-127201/3-A	Lab Control Sample Dup	109	119
MB 880-127199/1-A	Method Blank	89	94
MB 880-127201/1-A	Method Blank	104	101

**Surrogate Legend**

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

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: MB 880-127273/5-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/19/25 13:18	12/22/25 11:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/19/25 13:18	12/22/25 11:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/19/25 13:18	12/22/25 11:52	1

Lab Sample ID: MB 880-127376/5-A  
 Matrix: Solid  
 Analysis Batch: 127659

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/23/25 19:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/23/25 19:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/23/25 19:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/25 08:44	12/23/25 19:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 08:44	12/23/25 19:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/25 08:44	12/23/25 19:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/22/25 08:44	12/23/25 19:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/22/25 08:44	12/23/25 19:41	1

Lab Sample ID: LCS 880-127376/1-A  
 Matrix: Solid  
 Analysis Batch: 127659

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 127376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09690		mg/Kg		97	70 - 130
Toluene	0.100	0.1025		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1083		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2170		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1030		mg/Kg		103	70 - 130

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

Lab Sample ID: LCSD 880-127376/2-A  
 Matrix: Solid  
 Analysis Batch: 127659

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127376

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09615		mg/Kg		96	70 - 130	1	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: LCSD 880-127376/2-A  
 Matrix: Solid  
 Analysis Batch: 127659

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127376

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09511		mg/Kg		95	70 - 130	8	35
Ethylbenzene	0.100	0.09147		mg/Kg		91	70 - 130	17	35
m-Xylene & p-Xylene	0.200	0.1774		mg/Kg		89	70 - 130	20	35
o-Xylene	0.100	0.08356		mg/Kg		84	70 - 130	21	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-66372-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 127659

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 127376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08853		mg/Kg		89	70 - 130
Toluene	<0.00200	U	0.100	0.08941		mg/Kg		89	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09781		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2028		mg/Kg		101	70 - 130
o-Xylene	<0.00200	U	0.100	0.09899		mg/Kg		99	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-66372-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 127659

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127376

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	0.08691		mg/Kg		87	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08869		mg/Kg		89	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.1017		mg/Kg		102	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2073		mg/Kg		104	70 - 130	2	35
o-Xylene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-127386/5-A  
 Matrix: Solid  
 Analysis Batch: 127557

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 10:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 10:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 10:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/25 09:20	12/24/25 10:56	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

**Lab Sample ID: MB 880-127386/5-A**  
**Matrix: Solid**  
**Analysis Batch: 127557**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127386**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 09:20	12/24/25 10:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/25 09:20	12/24/25 10:56	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	106		70 - 130	12/22/25 09:20	12/24/25 10:56	1
1,4-Difluorobenzene (Surr)	91		70 - 130	12/22/25 09:20	12/24/25 10:56	1

**Lab Sample ID: LCS 880-127386/1-A**  
**Matrix: Solid**  
**Analysis Batch: 127557**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127386**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09518		mg/Kg		95	70 - 130
Toluene	0.100	0.09134		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09700		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1955		mg/Kg		98	70 - 130
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

**Lab Sample ID: LCSD 880-127386/2-A**  
**Matrix: Solid**  
**Analysis Batch: 127557**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127386**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09898		mg/Kg		99	70 - 130	4	35
Toluene	0.100	0.09706		mg/Kg		97	70 - 130	6	35
Ethylbenzene	0.100	0.09970		mg/Kg		100	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2011		mg/Kg		101	70 - 130	3	35
o-Xylene	0.100	0.1019		mg/Kg		102	70 - 130	1	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

**Lab Sample ID: 890-9256-A-21-B MS**  
**Matrix: Solid**  
**Analysis Batch: 127557**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127386**

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U F1	0.100	0.03785	F1	mg/Kg		38	70 - 130
Toluene	<0.00200	U F1	0.100	0.03845	F1	mg/Kg		38	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.04010	F1	mg/Kg		40	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.05410	F1	mg/Kg		27	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.04426	F1	mg/Kg		44	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

**Lab Sample ID: 890-9256-A-21-B MS**  
**Matrix: Solid**  
**Analysis Batch: 127557**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127386**

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

**Lab Sample ID: 890-9256-A-21-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 127557**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 127386**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Benzene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35	
Toluene	<0.00200	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35	
Ethylbenzene	<0.00200	U F1 F2	0.100	<0.00200	U F1 F2	mg/Kg		2	70 - 130	184	35	
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	<0.00400	U F1 F2	mg/Kg		2	70 - 130	174	35	
o-Xylene	<0.00200	U F1 F2	0.100	0.002450	F1 F2	mg/Kg		2	70 - 130	179	35	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

**Lab Sample ID: MB 880-127411/5-A**  
**Matrix: Solid**  
**Analysis Batch: 127887**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127411**

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:00	12/30/25 11:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:00	12/30/25 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:00	12/30/25 11:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/25 10:00	12/30/25 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:00	12/30/25 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/25 10:00	12/30/25 11:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	12/22/25 10:00	12/30/25 11:02	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/22/25 10:00	12/30/25 11:02	1

**Lab Sample ID: LCS 880-127411/1-A**  
**Matrix: Solid**  
**Analysis Batch: 127887**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127411**

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Benzene	0.100	0.1118		mg/Kg		112	70 - 130	
Toluene	0.100	0.1045		mg/Kg		104	70 - 130	
Ethylbenzene	0.100	0.1115		mg/Kg		112	70 - 130	
m-Xylene & p-Xylene	0.200	0.2269		mg/Kg		113	70 - 130	
o-Xylene	0.100	0.1104		mg/Kg		110	70 - 130	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: LCS 880-127411/1-A

Matrix: Solid

Analysis Batch: 127887

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 127411

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-127411/2-A

Matrix: Solid

Analysis Batch: 127887

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 127411

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Benzene	0.100	0.1157		mg/Kg		116	70 - 130	3	35	
Toluene	0.100	0.1147		mg/Kg		115	70 - 130	9	35	
Ethylbenzene	0.100	0.1289		mg/Kg		129	70 - 130	14	35	
m-Xylene & p-Xylene	0.200	0.2651	*+	mg/Kg		133	70 - 130	16	35	
o-Xylene	0.100	0.1298		mg/Kg		130	70 - 130	16	35	

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-66397-A-161-E MS

Matrix: Solid

Analysis Batch: 127887

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 127411

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	RPD
Benzene	<0.00200	U F2	0.100	0.1277		mg/Kg		128	70 - 130	
Toluene	<0.00200	U F2 F1	0.100	0.07949		mg/Kg		79	70 - 130	
Ethylbenzene	<0.00200	U F2 F1	0.100	0.05673	F1	mg/Kg		57	70 - 130	
m-Xylene & p-Xylene	<0.00399	U ** F2 F1	0.200	0.09154	F1	mg/Kg		46	70 - 130	
o-Xylene	<0.00200	U F2 F1	0.100	0.03112	F1	mg/Kg		31	70 - 130	

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	17	S1-	70 - 130
1,4-Difluorobenzene (Surr)	126		70 - 130

Lab Sample ID: 880-66397-A-161-F MSD

Matrix: Solid

Analysis Batch: 127887

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 127411

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Benzene	<0.00200	U F2	0.100	0.07233	F2	mg/Kg		72	70 - 130	55	35	
Toluene	<0.00200	U F2 F1	0.100	0.03550	F2 F1	mg/Kg		36	70 - 130	76	35	
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02441	F2 F1	mg/Kg		24	70 - 130	80	35	
m-Xylene & p-Xylene	<0.00399	U ** F2 F1	0.200	0.01894	F2 F1	mg/Kg		9	70 - 130	131	35	
o-Xylene	<0.00200	U F2 F1	0.100	0.01900	F2 F1	mg/Kg		19	70 - 130	48	35	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	10	S1-	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: MB 880-127412/5-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/25 10:10	12/22/25 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/22/25 10:10	12/22/25 22:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/22/25 10:10	12/22/25 22:27	1

Lab Sample ID: LCS 880-127412/1-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09761		mg/Kg		98	70 - 130
Toluene	0.100	0.09331		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09841		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1946		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09779		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-127412/2-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1005		mg/Kg		100	70 - 130	3	35
Toluene	0.100	0.09512		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1993		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09969		mg/Kg		100	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-9246-11 MS  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: CS - 11 (7.0')  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.100	0.09699		mg/Kg		97	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: 890-9246-11 MS  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: CS - 11 (7.0')  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Added	Result				
Ethylbenzene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2041		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9246-11 MSD  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: CS - 11 (7.0')  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD
	Result	Qualifier		Added	Result					
Benzene	<0.00200	U	0.100	0.09401		mg/Kg		94	70 - 130	9 35
Toluene	<0.00200	U	0.100	0.09096		mg/Kg		91	70 - 130	6 35
Ethylbenzene	<0.00200	U	0.100	0.09554		mg/Kg		96	70 - 130	6 35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1917		mg/Kg		96	70 - 130	6 35
o-Xylene	<0.00200	U	0.100	0.09622		mg/Kg		96	70 - 130	6 35

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

Lab Sample ID: MB 880-127607/5-A  
 Matrix: Solid  
 Analysis Batch: 127557

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127607

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		12/23/25 12:47	12/24/25 00:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/23/25 12:47	12/24/25 00:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/23/25 12:47	12/24/25 00:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/23/25 12:47	12/24/25 00:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/23/25 12:47	12/24/25 00:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/23/25 12:47	12/24/25 00:21	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	109		70 - 130	12/23/25 12:47	12/24/25 00:21	1
1,4-Difluorobenzene (Surr)	90		70 - 130	12/23/25 12:47	12/24/25 00:21	1

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

Lab Sample ID: MB 880-127199/1-A  
 Matrix: Solid  
 Analysis Batch: 127400

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127199

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 08:13	12/23/25 00:10	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

**Lab Sample ID: MB 880-127199/1-A**  
**Matrix: Solid**  
**Analysis Batch: 127400**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127199**

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 08:13	12/23/25 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:13	12/23/25 00:10	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	89		70 - 130	12/19/25 08:13	12/23/25 00:10	1
o-Terphenyl (Surr)	94		70 - 130	12/19/25 08:13	12/23/25 00:10	1

**Lab Sample ID: LCS 880-127199/2-A**  
**Matrix: Solid**  
**Analysis Batch: 127400**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127199**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	935.1		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	920.5		mg/Kg		92	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	96		70 - 130

**Lab Sample ID: LCSD 880-127199/3-A**  
**Matrix: Solid**  
**Analysis Batch: 127400**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127199**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	804.8		mg/Kg		80	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	1000	860.0		mg/Kg		86	70 - 130	7	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	94		70 - 130

**Lab Sample ID: 880-66319-A-23-C MS**  
**Matrix: Solid**  
**Analysis Batch: 127400**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127199**

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	995	692.0	F1	mg/Kg		68	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	660.3	F1	mg/Kg		66	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	94		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: 880-66319-A-23-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127400

Prep Batch: 127199

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	995	740.5		mg/Kg		73	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	995	672.0	F1	mg/Kg		68	70 - 130	2	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	98		70 - 130								
o-Terphenyl (Surr)	95		70 - 130								

Lab Sample ID: MB 880-127201/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127423

Prep Batch: 127201

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 08:16	12/23/25 01:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 01:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 01:15	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130				12/19/25 08:16	12/23/25 01:15	1
o-Terphenyl (Surr)	101		70 - 130				12/19/25 08:16	12/23/25 01:15	1

Lab Sample ID: LCS 880-127201/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127423

Prep Batch: 127201

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	952.2		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130		
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	103		70 - 130						
o-Terphenyl (Surr)	110		70 - 130						

Lab Sample ID: LCSD 880-127201/3-A

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 127423

Prep Batch: 127201

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
		Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	974.1		mg/Kg		97	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1105		mg/Kg		111	70 - 130	7	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: LCSD 880-127201/3-A  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127201

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: 890-9246-2 MS  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: CS - 2 (7.0')  
 Prep Type: Total/NA  
 Prep Batch: 127201

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	947.3		mg/Kg		95		70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1010		mg/Kg		101		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: 890-9246-2 MSD  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: CS - 2 (7.0')  
 Prep Type: Total/NA  
 Prep Batch: 127201

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	904.1		mg/Kg		91		70 - 130	5		20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	905.6		mg/Kg		91		70 - 130	11		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-127285/1-A  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Chloride	<10.0	U	10.0		mg/Kg			12/20/25 15:06		1

Lab Sample ID: LCS 880-127285/2-A  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec	Limits
Chloride	250	241.9		mg/Kg		97		90 - 110

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

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

Lab Sample ID: LCSD 880-127285/3-A  
 Matrix: Solid  
 Analysis Batch: 127333

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	242.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9246-1 MS  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: CS - 1 (7.0')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1660		1250	3011		mg/Kg		109	90 - 110

Lab Sample ID: 890-9246-1 MSD  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: CS - 1 (7.0')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1660		1250	3026		mg/Kg		110	90 - 110	1	20

Lab Sample ID: 890-9246-11 MS  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: CS - 11 (7.0')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2190	F1	1240	3596	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-9246-11 MSD  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: CS - 11 (7.0')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2190	F1	1240	3581	F1	mg/Kg		112	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

## GC VOA

## Prep Batch: 127273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127273/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 127376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-6	CS - 6 (7.0')	Total/NA	Solid	5035	
890-9246-7	CS - 7 (7.0')	Total/NA	Solid	5035	
890-9246-8	CS - 8 (7.0')	Total/NA	Solid	5035	
890-9246-9	CS - 9 (7.0')	Total/NA	Solid	5035	
890-9246-10	CS - 10 (7.0')	Total/NA	Solid	5035	
MB 880-127376/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127376/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127376/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66372-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-66372-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 127380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-11	CS - 11 (7.0')	Total/NA	Solid	8021B	127412
MB 880-127273/5-A	Method Blank	Total/NA	Solid	8021B	127273
MB 880-127412/5-A	Method Blank	Total/NA	Solid	8021B	127412
LCS 880-127412/1-A	Lab Control Sample	Total/NA	Solid	8021B	127412
LCSD 880-127412/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127412
890-9246-11 MS	CS - 11 (7.0')	Total/NA	Solid	8021B	127412
890-9246-11 MSD	CS - 11 (7.0')	Total/NA	Solid	8021B	127412

## Prep Batch: 127386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Total/NA	Solid	5035	
890-9246-2	CS - 2 (7.0')	Total/NA	Solid	5035	
890-9246-3	CS - 3 (7.0')	Total/NA	Solid	5035	
890-9246-4	CS - 4 (7.0')	Total/NA	Solid	5035	
MB 880-127386/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127386/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127386/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9256-A-21-B MS	Matrix Spike	Total/NA	Solid	5035	
890-9256-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Prep Batch: 127411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-5	CS - 5 (7.0')	Total/NA	Solid	5035	
MB 880-127411/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127411/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127411/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-66397-A-161-E MS	Matrix Spike	Total/NA	Solid	5035	
880-66397-A-161-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Prep Batch: 127412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-11	CS - 11 (7.0')	Total/NA	Solid	5035	
MB 880-127412/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127412/1-A	Lab Control Sample	Total/NA	Solid	5035	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

## GC VOA (Continued)

## Prep Batch: 127412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-127412/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9246-11 MS	CS - 11 (7.0')	Total/NA	Solid	5035	
890-9246-11 MSD	CS - 11 (7.0')	Total/NA	Solid	5035	

## Analysis Batch: 127557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Total/NA	Solid	8021B	127386
890-9246-2	CS - 2 (7.0')	Total/NA	Solid	8021B	127386
890-9246-3	CS - 3 (7.0')	Total/NA	Solid	8021B	127386
890-9246-4	CS - 4 (7.0')	Total/NA	Solid	8021B	127386
MB 880-127386/5-A	Method Blank	Total/NA	Solid	8021B	127386
MB 880-127607/5-A	Method Blank	Total/NA	Solid	8021B	127607
LCS 880-127386/1-A	Lab Control Sample	Total/NA	Solid	8021B	127386
LCSD 880-127386/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127386
890-9256-A-21-B MS	Matrix Spike	Total/NA	Solid	8021B	127386
890-9256-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127386

## Analysis Batch: 127599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-2	CS - 2 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-3	CS - 3 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-4	CS - 4 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-5	CS - 5 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-6	CS - 6 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-7	CS - 7 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-8	CS - 8 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-9	CS - 9 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-10	CS - 10 (7.0')	Total/NA	Solid	Total BTEX	
890-9246-11	CS - 11 (7.0')	Total/NA	Solid	Total BTEX	

## Prep Batch: 127607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127607/5-A	Method Blank	Total/NA	Solid	5035	

## Analysis Batch: 127659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-6	CS - 6 (7.0')	Total/NA	Solid	8021B	127376
890-9246-7	CS - 7 (7.0')	Total/NA	Solid	8021B	127376
890-9246-8	CS - 8 (7.0')	Total/NA	Solid	8021B	127376
890-9246-9	CS - 9 (7.0')	Total/NA	Solid	8021B	127376
890-9246-10	CS - 10 (7.0')	Total/NA	Solid	8021B	127376
MB 880-127376/5-A	Method Blank	Total/NA	Solid	8021B	127376
LCS 880-127376/1-A	Lab Control Sample	Total/NA	Solid	8021B	127376
LCSD 880-127376/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127376
880-66372-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	127376
880-66372-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127376

## Analysis Batch: 127887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-5	CS - 5 (7.0')	Total/NA	Solid	8021B	127411

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

## GC VOA (Continued)

## Analysis Batch: 127887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127411/5-A	Method Blank	Total/NA	Solid	8021B	127411
LCS 880-127411/1-A	Lab Control Sample	Total/NA	Solid	8021B	127411
LCSD 880-127411/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127411
880-66397-A-161-E MS	Matrix Spike	Total/NA	Solid	8021B	127411
880-66397-A-161-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127411

## GC Semi VOA

## Prep Batch: 127199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Total/NA	Solid	8015NM Prep	
MB 880-127199/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127199/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127199/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66319-A-23-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-66319-A-23-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Prep Batch: 127201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-2	CS - 2 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-3	CS - 3 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-4	CS - 4 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-5	CS - 5 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-6	CS - 6 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-7	CS - 7 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-8	CS - 8 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-9	CS - 9 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-10	CS - 10 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-11	CS - 11 (7.0')	Total/NA	Solid	8015NM Prep	
MB 880-127201/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127201/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9246-2 MS	CS - 2 (7.0')	Total/NA	Solid	8015NM Prep	
890-9246-2 MSD	CS - 2 (7.0')	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 127400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Total/NA	Solid	8015B NM	127199
MB 880-127199/1-A	Method Blank	Total/NA	Solid	8015B NM	127199
LCS 880-127199/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127199
LCSD 880-127199/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127199
880-66319-A-23-C MS	Matrix Spike	Total/NA	Solid	8015B NM	127199
880-66319-A-23-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127199

## Analysis Batch: 127423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-2	CS - 2 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-3	CS - 3 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-4	CS - 4 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-5	CS - 5 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-6	CS - 6 (7.0')	Total/NA	Solid	8015B NM	127201

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## QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

## GC Semi VOA (Continued)

## Analysis Batch: 127423 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-7	CS - 7 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-8	CS - 8 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-9	CS - 9 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-10	CS - 10 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-11	CS - 11 (7.0')	Total/NA	Solid	8015B NM	127201
MB 880-127201/1-A	Method Blank	Total/NA	Solid	8015B NM	127201
LCS 880-127201/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127201
LCSD 880-127201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127201
890-9246-2 MS	CS - 2 (7.0')	Total/NA	Solid	8015B NM	127201
890-9246-2 MSD	CS - 2 (7.0')	Total/NA	Solid	8015B NM	127201

## Analysis Batch: 127574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Total/NA	Solid	8015 NM	
890-9246-2	CS - 2 (7.0')	Total/NA	Solid	8015 NM	
890-9246-3	CS - 3 (7.0')	Total/NA	Solid	8015 NM	
890-9246-4	CS - 4 (7.0')	Total/NA	Solid	8015 NM	
890-9246-5	CS - 5 (7.0')	Total/NA	Solid	8015 NM	
890-9246-6	CS - 6 (7.0')	Total/NA	Solid	8015 NM	
890-9246-7	CS - 7 (7.0')	Total/NA	Solid	8015 NM	
890-9246-8	CS - 8 (7.0')	Total/NA	Solid	8015 NM	
890-9246-9	CS - 9 (7.0')	Total/NA	Solid	8015 NM	
890-9246-10	CS - 10 (7.0')	Total/NA	Solid	8015 NM	
890-9246-11	CS - 11 (7.0')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 127285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Soluble	Solid	DI Leach	
890-9246-2	CS - 2 (7.0')	Soluble	Solid	DI Leach	
890-9246-3	CS - 3 (7.0')	Soluble	Solid	DI Leach	
890-9246-4	CS - 4 (7.0')	Soluble	Solid	DI Leach	
890-9246-5	CS - 5 (7.0')	Soluble	Solid	DI Leach	
890-9246-6	CS - 6 (7.0')	Soluble	Solid	DI Leach	
890-9246-7	CS - 7 (7.0')	Soluble	Solid	DI Leach	
890-9246-8	CS - 8 (7.0')	Soluble	Solid	DI Leach	
890-9246-9	CS - 9 (7.0')	Soluble	Solid	DI Leach	
890-9246-10	CS - 10 (7.0')	Soluble	Solid	DI Leach	
890-9246-11	CS - 11 (7.0')	Soluble	Solid	DI Leach	
MB 880-127285/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127285/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127285/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9246-1 MS	CS - 1 (7.0')	Soluble	Solid	DI Leach	
890-9246-1 MSD	CS - 1 (7.0')	Soluble	Solid	DI Leach	
890-9246-11 MS	CS - 11 (7.0')	Soluble	Solid	DI Leach	
890-9246-11 MSD	CS - 11 (7.0')	Soluble	Solid	DI Leach	

## Analysis Batch: 127333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-1	CS - 1 (7.0')	Soluble	Solid	300.0	127285

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### QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

#### HPLC/IC (Continued)

#### Analysis Batch: 127333 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9246-2	CS - 2 (7.0')	Soluble	Solid	300.0	127285
890-9246-3	CS - 3 (7.0')	Soluble	Solid	300.0	127285
890-9246-4	CS - 4 (7.0')	Soluble	Solid	300.0	127285
890-9246-5	CS - 5 (7.0')	Soluble	Solid	300.0	127285
890-9246-6	CS - 6 (7.0')	Soluble	Solid	300.0	127285
890-9246-7	CS - 7 (7.0')	Soluble	Solid	300.0	127285
890-9246-8	CS - 8 (7.0')	Soluble	Solid	300.0	127285
890-9246-9	CS - 9 (7.0')	Soluble	Solid	300.0	127285
890-9246-10	CS - 10 (7.0')	Soluble	Solid	300.0	127285
890-9246-11	CS - 11 (7.0')	Soluble	Solid	300.0	127285
MB 880-127285/1-A	Method Blank	Soluble	Solid	300.0	127285
LCS 880-127285/2-A	Lab Control Sample	Soluble	Solid	300.0	127285
LCSD 880-127285/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127285
890-9246-1 MS	CS - 1 (7.0')	Soluble	Solid	300.0	127285
890-9246-1 MSD	CS - 1 (7.0')	Soluble	Solid	300.0	127285
890-9246-11 MS	CS - 11 (7.0')	Soluble	Solid	300.0	127285
890-9246-11 MSD	CS - 11 (7.0')	Soluble	Solid	300.0	127285

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 1 (7.0')**

**Lab Sample ID: 890-9246-1**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	127386	12/22/25 09:20	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127557	12/24/25 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 17:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 06:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	127199	12/19/25 08:13	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127400	12/23/25 06:00	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	127285	12/19/25 14:59	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	127333	12/20/25 15:23	CS	EET MID

**Client Sample ID: CS - 2 (7.0')**

**Lab Sample ID: 890-9246-2**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127386	12/22/25 09:20	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127557	12/24/25 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 17:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 02:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 02:14	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 15:40	CS	EET MID

**Client Sample ID: CS - 3 (7.0')**

**Lab Sample ID: 890-9246-3**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	127386	12/22/25 09:20	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127557	12/24/25 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 02:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 02:59	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	127333	12/20/25 15:45	CS	EET MID

**Client Sample ID: CS - 4 (7.0')**

**Lab Sample ID: 890-9246-4**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127386	12/22/25 09:20	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127557	12/24/25 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 18:29	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 4 (7.0')**

**Lab Sample ID: 890-9246-4**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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			127574	12/23/25 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 03:14	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 15:51	CS	EET MID

**Client Sample ID: CS - 5 (7.0')**

**Lab Sample ID: 890-9246-5**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127411	12/30/25 10:00	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127887	12/30/25 12:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/30/25 12:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 03:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 03:29	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	127333	12/20/25 15:57	CS	EET MID

**Client Sample ID: CS - 6 (7.0')**

**Lab Sample ID: 890-9246-6**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	127376	12/22/25 08:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127659	12/24/25 01:41	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 01:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 03:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 03:43	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 16:13	CS	EET MID

**Client Sample ID: CS - 7 (7.0')**

**Lab Sample ID: 890-9246-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	127376	12/22/25 08:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127659	12/24/25 02:02	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 02:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 03:58	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 03:58	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 7 (7.0')**

**Lab Sample ID: 890-9246-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.96 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	127333	12/20/25 16:19	CS	EET MID

**Client Sample ID: CS - 8 (7.0')**

**Lab Sample ID: 890-9246-8**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127376	12/22/25 08:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127659	12/24/25 02:22	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 02:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 04:13	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	127333	12/20/25 16:25	CS	EET MID

**Client Sample ID: CS - 9 (7.0')**

**Lab Sample ID: 890-9246-9**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	127376	12/22/25 08:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127659	12/24/25 02:43	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 02:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 04:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 04:28	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 16:30	CS	EET MID

**Client Sample ID: CS - 10 (7.0')**

**Lab Sample ID: 890-9246-10**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127376	12/22/25 08:44	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127659	12/24/25 03:03	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/24/25 03:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 04:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 04:43	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 16:36	CS	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
 SDG: 2875

**Client Sample ID: CS - 11 (7.0')**

**Lab Sample ID: 890-9246-11**

**Date Collected: 12/18/25 00:00**

**Matrix: Solid**

**Date Received: 12/18/25 15:00**

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/22/25 22:48	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127599	12/22/25 22:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			127574	12/23/25 04:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 04:58	SA	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	127333	12/20/25 16:42	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: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

#### 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: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

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: REEVES 26 - 4 SWD

Job ID: 890-9246-1  
SDG: 2875

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9246-1	CS - 1 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-2	CS - 2 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-3	CS - 3 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-4	CS - 4 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-5	CS - 5 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-6	CS - 6 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-7	CS - 7 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-8	CS - 8 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-9	CS - 9 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-10	CS - 10 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9246-11	CS - 11 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas

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# Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luiq
Company Name:	Carmona Resources	Company Name:	Cimatex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marientfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luiq@coterra.com & ThielkeA@carmonaresources.com


Work Order Comments

Program: UST/PST PRP Brownfields IRC perfund

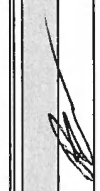
State of Project: Level II Level III ST/UST RRP Level IV

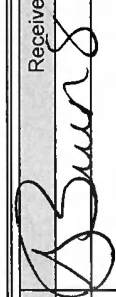
Reportable: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other: \_\_\_\_\_

Project Name:	Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes	
	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush				
Reeves 26-4 SWD				 890-9246 Chain of Custody	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> 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	
2875						
Lea County, New Mexico	Due Date:	Standard TAT				
RP						
<b>SAMPLE RECEIPT</b> Temp-Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Thermometer ID: <u>Therm 1</u> Received Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Correction Factor: <u>-0.2</u> Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Temperature Reading: <u>-0.2</u> Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Corrected Temperature: <u>0</u> Total Containers: _____						
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont
CS-1 (7.0')	12/18/2025		X		Comp	1
CS-2 (7.0')	12/18/2025		X		Comp	1
CS-3 (7.0')	12/18/2025		X		Comp	1
CS-4 (7.0')	12/18/2025		X		Comp	1
CS-5 (7.0')	12/18/2025		X		Comp	1
CS-6 (7.0')	12/18/2025		X		Comp	1
CS-7 (7.0')	12/18/2025		X		Comp	1
CS-8 (7.0')	12/18/2025		X		Comp	1
CS-9 (7.0')	12/18/2025		X		Comp	1
CS-10 (7.0')	12/18/2025		X		Comp	1

Comments:

Relinquished by: (Signature)  Date/Time: 12-18-25

Received by: (Signature)  Date/Time: 12-18-15





### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9246-1

SDG Number: 2875

**Login Number: 9246**

**List Number: 1**

**Creator: Bruns, Shannon**

**List Source: Eurofins Carlsbad**

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

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9246-1

SDG Number: 2875

Login Number: 9246

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland  
List Creation: 12/19/25 01:47 PM

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

Generated 12/23/2025 2:23:22 PM

## JOB DESCRIPTION

REEVES 26 - 4 SWD  
 2875

## JOB NUMBER

890-9247-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated  
12/23/2025 2:23:22 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: REEVES 26 - 4 SWD

Laboratory Job ID: 890-9247-1  
SDG: 2875

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
SDG: 2875

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: REEVES 26 - 4 SWD

Job ID: 890-9247-1

**Job ID: 890-9247-1**

**Eurofins Carlsbad**

## Job Narrative 890-9247-1

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 12/18/2025 3:00 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 0.0°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SW - 1 (7.0') (890-9247-1), SW - 2 (7.0') (890-9247-2), SW - 3 (7.0') (890-9247-3), SW - 4 (7.0') (890-9247-4), SW - 5 (7.0') (890-9247-5), SW - 6 (7.0') (890-9247-6), SW - 7 (7.0') (890-9247-7) and SW - 8 (7.0') (890-9247-8).

### GC VOA

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

### Diesel Range Organics

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

### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127285 and analytical batch 880-127333 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.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 1 (7.0')**

**Lab Sample ID: 890-9247-1**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/22/25 23:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/22/25 10:10	12/22/25 23:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/22/25 10:10	12/22/25 23:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/22/25 10:10	12/22/25 23:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/22/25 10:10	12/22/25 23:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/22/25 10:10	12/22/25 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	12/22/25 10:10	12/22/25 23:09	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/22/25 10:10	12/22/25 23:09	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			12/22/25 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/23/25 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 05:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 05:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130	12/19/25 08:16	12/23/25 05:27	1
o-Terphenyl (Surr)	121		70 - 130	12/19/25 08:16	12/23/25 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.9		9.94		mg/Kg			12/20/25 16:59	1

**Client Sample ID: SW - 2 (7.0')**

**Lab Sample ID: 890-9247-2**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/22/25 23:29	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/22/25 10:10	12/22/25 23:29	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/22/25 10:10	12/22/25 23:29	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/22/25 10:10	12/22/25 23:29	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/22/25 10:10	12/22/25 23:29	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/22/25 10:10	12/22/25 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	12/22/25 10:10	12/22/25 23:29	1
1,4-Difluorobenzene (Surr)	95		70 - 130	12/22/25 10:10	12/22/25 23:29	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 2 (7.0')**

**Lab Sample ID: 890-9247-2**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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			12/22/25 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/23/25 05:42	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		12/19/25 08:16	12/23/25 05:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 05:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	12/19/25 08:16	12/23/25 05:42	1
o-Terphenyl (Surr)	109		70 - 130	12/19/25 08:16	12/23/25 05:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		10.1		mg/Kg			12/20/25 17:04	1

**Client Sample ID: SW - 3 (7.0')**

**Lab Sample ID: 890-9247-3**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/22/25 23:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/25 10:10	12/22/25 23:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/25 10:10	12/22/25 23:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/25 10:10	12/22/25 23:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/25 10:10	12/22/25 23:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/25 10:10	12/22/25 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	12/22/25 10:10	12/22/25 23:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/22/25 10:10	12/22/25 23:50	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			12/22/25 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/23/25 05:57	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		12/19/25 08:16	12/23/25 05:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 05:57	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 3 (7.0')**

**Lab Sample ID: 890-9247-3**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 05:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				12/19/25 08:16	12/23/25 05:57	1
o-Terphenyl (Surr)	108		70 - 130				12/19/25 08:16	12/23/25 05:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		10.1		mg/Kg			12/20/25 17:21	1

**Client Sample ID: SW - 4 (7.0')**

**Lab Sample ID: 890-9247-4**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 00:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 00:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 00:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/22/25 10:10	12/23/25 00:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 00:10	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/22/25 10:10	12/23/25 00:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				12/22/25 10:10	12/23/25 00:10	1
1,4-Difluorobenzene (Surr)	98		70 - 130				12/22/25 10:10	12/23/25 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/23/25 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/23/25 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				12/19/25 08:16	12/23/25 06:12	1
o-Terphenyl (Surr)	108		70 - 130				12/19/25 08:16	12/23/25 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.4		10.0		mg/Kg			12/20/25 17:27	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 5 (7.0')**

**Lab Sample ID: 890-9247-5**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/23/25 00:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/23/25 00:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/23/25 00:31	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		12/22/25 10:10	12/23/25 00:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/23/25 00:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/22/25 10:10	12/23/25 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/22/25 10:10	12/23/25 00:31	1
1,4-Difluorobenzene (Surr)	98		70 - 130	12/22/25 10:10	12/23/25 00:31	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			12/23/25 00:31	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			12/23/25 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	12/19/25 08:16	12/23/25 06:26	1
o-Terphenyl (Surr)	107		70 - 130	12/19/25 08:16	12/23/25 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		10.0		mg/Kg			12/20/25 17:33	1

**Client Sample ID: SW - 6 (7.0')**

**Lab Sample ID: 890-9247-6**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/23/25 00:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/22/25 10:10	12/23/25 00:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/22/25 10:10	12/23/25 00:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		12/22/25 10:10	12/23/25 00:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/22/25 10:10	12/23/25 00:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/22/25 10:10	12/23/25 00:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/22/25 10:10	12/23/25 00:51	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/22/25 10:10	12/23/25 00:51	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 6 (7.0')**

**Lab Sample ID: 890-9247-6**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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			12/23/25 00:51	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			12/23/25 06:42	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		12/19/25 08:16	12/23/25 06:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 06:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/19/25 08:16	12/23/25 06:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	12/19/25 08:16	12/23/25 06:42	1
o-Terphenyl (Surr)	110		70 - 130	12/19/25 08:16	12/23/25 06:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.4		10.0		mg/Kg			12/20/25 17:38	1

**Client Sample ID: SW - 7 (7.0')**

**Lab Sample ID: 890-9247-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/23/25 01:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		12/22/25 10:10	12/23/25 01:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		12/22/25 10:10	12/23/25 01:11	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		12/22/25 10:10	12/23/25 01:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		12/22/25 10:10	12/23/25 01:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		12/22/25 10:10	12/23/25 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/22/25 10:10	12/23/25 01:11	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/22/25 10:10	12/23/25 01:11	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			12/23/25 01:11	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			12/23/25 06:57	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 08:16	12/23/25 06:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 06:57	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 7 (7.0')**

**Lab Sample ID: 890-9247-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/19/25 08:16	12/23/25 06:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				12/19/25 08:16	12/23/25 06:57	1
o-Terphenyl (Surr)	107		70 - 130				12/19/25 08:16	12/23/25 06:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.3		9.98		mg/Kg			12/20/25 17:44	1

**Client Sample ID: SW - 8 (7.0')**

**Lab Sample ID: 890-9247-8**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

**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		12/22/25 10:10	12/23/25 01:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/22/25 10:10	12/23/25 01:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/22/25 10:10	12/23/25 01:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		12/22/25 10:10	12/23/25 01:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/22/25 10:10	12/23/25 01:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/22/25 10:10	12/23/25 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				12/22/25 10:10	12/23/25 01:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130				12/22/25 10:10	12/23/25 01:32	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			12/23/25 01:32	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			12/23/25 07:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 07:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 07:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		12/19/25 08:16	12/23/25 07:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				12/19/25 08:16	12/23/25 07:11	1
o-Terphenyl (Surr)	113		70 - 130				12/19/25 08:16	12/23/25 07:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		10.1		mg/Kg			12/20/25 17:49	1

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## Surrogate Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
SDG: 2875

## 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)
890-9246-A-11-E MS	Matrix Spike	110	98
890-9246-A-11-F MSD	Matrix Spike Duplicate	111	94
890-9247-1	SW - 1 (7.0')	112	100
890-9247-2	SW - 2 (7.0')	106	95
890-9247-3	SW - 3 (7.0')	110	96
890-9247-4	SW - 4 (7.0')	110	98
890-9247-5	SW - 5 (7.0')	117	98
890-9247-6	SW - 6 (7.0')	111	97
890-9247-7	SW - 7 (7.0')	109	97
890-9247-8	SW - 8 (7.0')	111	98
LCS 880-127412/1-A	Lab Control Sample	104	93
LCSD 880-127412/2-A	Lab Control Sample Dup	106	93
MB 880-127273/5-A	Method Blank	97	92
MB 880-127412/5-A	Method Blank	100	92

**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)
890-9246-A-2-B MS	Matrix Spike	109	116
890-9246-A-2-C MSD	Matrix Spike Duplicate	101	105
890-9247-1	SW - 1 (7.0')	116	121
890-9247-2	SW - 2 (7.0')	106	109
890-9247-3	SW - 3 (7.0')	106	108
890-9247-4	SW - 4 (7.0')	108	108
890-9247-5	SW - 5 (7.0')	102	107
890-9247-6	SW - 6 (7.0')	106	110
890-9247-7	SW - 7 (7.0')	107	107
890-9247-8	SW - 8 (7.0')	113	113
LCS 880-127201/2-A	Lab Control Sample	103	110
LCSD 880-127201/3-A	Lab Control Sample Dup	109	119
MB 880-127201/1-A	Method Blank	104	101

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

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

Lab Sample ID: MB 880-127273/5-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/19/25 13:18	12/22/25 11:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/19/25 13:18	12/22/25 11:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/19/25 13:18	12/22/25 11:52	1

Lab Sample ID: MB 880-127412/5-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/25 10:10	12/22/25 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/22/25 10:10	12/22/25 22:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/22/25 10:10	12/22/25 22:27	1

Lab Sample ID: LCS 880-127412/1-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09761		mg/Kg		98	70 - 130
Toluene	0.100	0.09331		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09841		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1946		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09779		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-127412/2-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1005		mg/Kg		100	70 - 130	3	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

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

Lab Sample ID: LCSD 880-127412/2-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09512		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1993		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09969		mg/Kg		100	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-9246-A-11-E MS  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1026		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.100	0.09699		mg/Kg		97	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2041		mg/Kg		102	70 - 130
o-Xylene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9246-A-11-F MSD  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127412

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	0.09401		mg/Kg		94	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.09096		mg/Kg		91	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.09554		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1917		mg/Kg		96	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.09622		mg/Kg		96	70 - 130	6	35

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

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

Lab Sample ID: MB 880-127201/1-A  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127201

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		12/19/25 08:16	12/23/25 01:15	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

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

**Lab Sample ID: MB 880-127201/1-A**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

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 08:16	12/23/25 01:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 01:15	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	104		70 - 130				12/19/25 08:16	12/23/25 01:15	1
o-Terphenyl (Surr)	101		70 - 130				12/19/25 08:16	12/23/25 01:15	1

**Lab Sample ID: LCS 880-127201/2-A**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130
Surrogate	LCS	LCS	Limits				%Rec
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	103		70 - 130				
o-Terphenyl (Surr)	110		70 - 130				

**Lab Sample ID: LCSD 880-127201/3-A**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1105		mg/Kg		111	70 - 130	7	20
Surrogate	LCSD	LCSD	Limits			%Rec	%Rec		
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	109		70 - 130						
o-Terphenyl (Surr)	119		70 - 130						

**Lab Sample ID: 890-9246-A-2-B MS**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

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	997	947.3		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1010		mg/Kg		101	70 - 130
Surrogate	MS	MS	Limits					%Rec	
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	109		70 - 130						
o-Terphenyl (Surr)	116		70 - 130						

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

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

Lab Sample ID: 890-9246-A-2-C MSD  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127201

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	904.1		mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	905.6		mg/Kg		91	70 - 130	11	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>		<b>MSD</b>						<b>Limits</b>	
1-Chlorooctane (Surr)	101									70 - 130	
o-Terphenyl (Surr)	105									70 - 130	

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

Lab Sample ID: MB 880-127285/1-A  
 Matrix: Solid  
 Analysis Batch: 127333

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 15:06	1

Lab Sample ID: LCS 880-127285/2-A  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.9		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-127285/3-A  
 Matrix: Solid  
 Analysis Batch: 127333

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	242.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9246-A-11-C MS  
 Matrix: Solid  
 Analysis Batch: 127333

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	2190	F1	1240	3596	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-9246-A-11-D MSD  
 Matrix: Solid  
 Analysis Batch: 127333

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	2190	F1	1240	3581	F1	mg/Kg		112	90 - 110	0	20

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

## GC VOA

## Prep Batch: 127273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127273/5-A	Method Blank	Total/NA	Solid	5035	

## Analysis Batch: 127380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Total/NA	Solid	8021B	127412
890-9247-2	SW - 2 (7.0')	Total/NA	Solid	8021B	127412
890-9247-3	SW - 3 (7.0')	Total/NA	Solid	8021B	127412
890-9247-4	SW - 4 (7.0')	Total/NA	Solid	8021B	127412
890-9247-5	SW - 5 (7.0')	Total/NA	Solid	8021B	127412
890-9247-6	SW - 6 (7.0')	Total/NA	Solid	8021B	127412
890-9247-7	SW - 7 (7.0')	Total/NA	Solid	8021B	127412
890-9247-8	SW - 8 (7.0')	Total/NA	Solid	8021B	127412
MB 880-127273/5-A	Method Blank	Total/NA	Solid	8021B	127273
MB 880-127412/5-A	Method Blank	Total/NA	Solid	8021B	127412
LCS 880-127412/1-A	Lab Control Sample	Total/NA	Solid	8021B	127412
LCSD 880-127412/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127412
890-9246-A-11-E MS	Matrix Spike	Total/NA	Solid	8021B	127412
890-9246-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127412

## Prep Batch: 127412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Total/NA	Solid	5035	
890-9247-2	SW - 2 (7.0')	Total/NA	Solid	5035	
890-9247-3	SW - 3 (7.0')	Total/NA	Solid	5035	
890-9247-4	SW - 4 (7.0')	Total/NA	Solid	5035	
890-9247-5	SW - 5 (7.0')	Total/NA	Solid	5035	
890-9247-6	SW - 6 (7.0')	Total/NA	Solid	5035	
890-9247-7	SW - 7 (7.0')	Total/NA	Solid	5035	
890-9247-8	SW - 8 (7.0')	Total/NA	Solid	5035	
MB 880-127412/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127412/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127412/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9246-A-11-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9246-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 127600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-2	SW - 2 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-3	SW - 3 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-4	SW - 4 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-5	SW - 5 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-6	SW - 6 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-7	SW - 7 (7.0')	Total/NA	Solid	Total BTEX	
890-9247-8	SW - 8 (7.0')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 127201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

## GC Semi VOA (Continued)

## Prep Batch: 127201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-2	SW - 2 (7.0')	Total/NA	Solid	8015NM Prep	
890-9247-3	SW - 3 (7.0')	Total/NA	Solid	8015NM Prep	
890-9247-4	SW - 4 (7.0')	Total/NA	Solid	8015NM Prep	
890-9247-5	SW - 5 (7.0')	Total/NA	Solid	8015NM Prep	
890-9247-6	SW - 6 (7.0')	Total/NA	Solid	8015NM Prep	
890-9247-7	SW - 7 (7.0')	Total/NA	Solid	8015NM Prep	
890-9247-8	SW - 8 (7.0')	Total/NA	Solid	8015NM Prep	
MB 880-127201/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127201/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9246-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9246-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 127423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-2	SW - 2 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-3	SW - 3 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-4	SW - 4 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-5	SW - 5 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-6	SW - 6 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-7	SW - 7 (7.0')	Total/NA	Solid	8015B NM	127201
890-9247-8	SW - 8 (7.0')	Total/NA	Solid	8015B NM	127201
MB 880-127201/1-A	Method Blank	Total/NA	Solid	8015B NM	127201
LCS 880-127201/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127201
LCSD 880-127201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127201
890-9246-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	127201
890-9246-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127201

## Analysis Batch: 127630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Total/NA	Solid	8015 NM	
890-9247-2	SW - 2 (7.0')	Total/NA	Solid	8015 NM	
890-9247-3	SW - 3 (7.0')	Total/NA	Solid	8015 NM	
890-9247-4	SW - 4 (7.0')	Total/NA	Solid	8015 NM	
890-9247-5	SW - 5 (7.0')	Total/NA	Solid	8015 NM	
890-9247-6	SW - 6 (7.0')	Total/NA	Solid	8015 NM	
890-9247-7	SW - 7 (7.0')	Total/NA	Solid	8015 NM	
890-9247-8	SW - 8 (7.0')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 127285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Soluble	Solid	DI Leach	
890-9247-2	SW - 2 (7.0')	Soluble	Solid	DI Leach	
890-9247-3	SW - 3 (7.0')	Soluble	Solid	DI Leach	
890-9247-4	SW - 4 (7.0')	Soluble	Solid	DI Leach	
890-9247-5	SW - 5 (7.0')	Soluble	Solid	DI Leach	
890-9247-6	SW - 6 (7.0')	Soluble	Solid	DI Leach	
890-9247-7	SW - 7 (7.0')	Soluble	Solid	DI Leach	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

## HPLC/IC (Continued)

## Leach Batch: 127285 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-8	SW - 8 (7.0')	Soluble	Solid	DI Leach	
MB 880-127285/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127285/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127285/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9246-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9246-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 127333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9247-1	SW - 1 (7.0')	Soluble	Solid	300.0	127285
890-9247-2	SW - 2 (7.0')	Soluble	Solid	300.0	127285
890-9247-3	SW - 3 (7.0')	Soluble	Solid	300.0	127285
890-9247-4	SW - 4 (7.0')	Soluble	Solid	300.0	127285
890-9247-5	SW - 5 (7.0')	Soluble	Solid	300.0	127285
890-9247-6	SW - 6 (7.0')	Soluble	Solid	300.0	127285
890-9247-7	SW - 7 (7.0')	Soluble	Solid	300.0	127285
890-9247-8	SW - 8 (7.0')	Soluble	Solid	300.0	127285
MB 880-127285/1-A	Method Blank	Soluble	Solid	300.0	127285
LCS 880-127285/2-A	Lab Control Sample	Soluble	Solid	300.0	127285
LCSD 880-127285/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127285
890-9246-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	127285
890-9246-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	127285

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 1 (7.0')**

**Lab Sample ID: 890-9247-1**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/22/25 23:09	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/22/25 23:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 05:27	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 05:27	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 16:59	CS	EET MID

**Client Sample ID: SW - 2 (7.0')**

**Lab Sample ID: 890-9247-2**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/22/25 23:29	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/22/25 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 05:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 05:42	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:04	CS	EET MID

**Client Sample ID: SW - 3 (7.0')**

**Lab Sample ID: 890-9247-3**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/22/25 23:50	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/22/25 23:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 05:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 05:57	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:21	CS	EET MID

**Client Sample ID: SW - 4 (7.0')**

**Lab Sample ID: 890-9247-4**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/23/25 00:10	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/23/25 00:10	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 4 (7.0')**

**Lab Sample ID: 890-9247-4**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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			127630	12/23/25 06:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 06:12	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:27	CS	EET MID

**Client Sample ID: SW - 5 (7.0')**

**Lab Sample ID: 890-9247-5**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/23/25 00:31	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/23/25 00:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 06:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 06:26	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:33	CS	EET MID

**Client Sample ID: SW - 6 (7.0')**

**Lab Sample ID: 890-9247-6**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/23/25 00:51	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/23/25 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 06:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 06:42	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:38	CS	EET MID

**Client Sample ID: SW - 7 (7.0')**

**Lab Sample ID: 890-9247-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/23/25 01:11	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/23/25 01:11	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 06:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 06:57	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
 SDG: 2875

**Client Sample ID: SW - 7 (7.0')**

**Lab Sample ID: 890-9247-7**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:44	CS	EET MID

**Client Sample ID: SW - 8 (7.0')**

**Lab Sample ID: 890-9247-8**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/23/25 01:32	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127600	12/23/25 01:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			127630	12/23/25 07:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 07:11	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:49	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: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
SDG: 2875

#### 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
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### Method Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
SDG: 2875

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: REEVES 26 - 4 SWD

Job ID: 890-9247-1  
SDG: 2875

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9247-1	SW - 1 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-2	SW - 2 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-3	SW - 3 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-4	SW - 4 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-5	SW - 5 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-6	SW - 6 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-7	SW - 7 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas
890-9247-8	SW - 8 (7.0')	Solid	12/18/25 00:00	12/18/25 15:00	Texas

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# Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 1

**Work Order Comments**

Program:  UST/PST  PRP  Brownfields  IRC  Superfund

State of Project:  Level II  Level III  ST/UST  RRP  Level IV

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

Deliverables:  EDD  ADaPT  Other: \_\_\_\_\_

Project Manager: Ashton Thielke  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-8988

Bill to: (if different)  
 Company Name: Cimarex Energy  
 Address: 600 N Marientfield St, Suite 600  
 City, State ZIP: Midland, TX 79701  
 Email: laci.luig@coterra.com & ThielkeA@carmonaresources.com

Project Name: Reeves 26-4 SWD		Turn Around		Pres. Code		ANALYSIS REQUEST		Preservative Codes	
Project Number:	2875	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Due Date:	Standard TAT	Parameters		None: NO	DI Water: H <sub>2</sub> O
Project Location	Lea County, New Mexico	Wet Ice:		Thermometer ID:		Thermometer Reading:		Cool: Cool	MeOH: Me
Sampler's Name:	RP	Temp Blank:	Yes No	Correction Factor:	-0.2	Temperature Reading:	-0.2	HCL: HC	HNO <sub>3</sub> : HN
PO #:		Temp Blank:	Yes No	Temperature Reading:		Corrected Temperature:		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Received Intact:	Yes No	Thermometer ID:		Corrected Temperature:		H <sub>3</sub> PO <sub>4</sub> : HP	
Cooler Custody Seals:		Yes No	N/A	Correction Factor:		Temperature Reading:		NaHSO <sub>4</sub> : NABIS	
Sample Custody Seals:		Yes No	N/A	Temperature Reading:		Corrected Temperature:		Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Total Containers:		Yes No	N/A	Temperature Reading:		Corrected Temperature:		Zn Acetate+NaOH: Zn	
		Yes No	N/A	Temperature Reading:		Corrected Temperature:		NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments		
SW-1 (7.0')	12/18/2025		X		Comp 1	1	Hold		
SW-2 (7.0')	12/18/2025		X		Comp 1	1	BTX 8021B		
SW-3 (7.0')	12/18/2025		X		Comp 1	1	TPH 8015M (GRO + DRO + MRO)		
SW-4 (7.0')	12/18/2025		X		Comp 1	1	Chloride 300.0		
SW-5 (7.0')	12/18/2025		X		Comp 1	1			
SW-6 (7.0')	12/18/2025		X		Comp 1	1			
SW-7 (7.0')	12/18/2025		X		Comp 1	1			
SW-8 (7.0')	12/18/2025		X		Comp 1	1			



**Comments:**

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	12/18/25	<i>[Signature]</i>	12-18-15



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9247-1

SDG Number: 2875

**Login Number: 9247**

**List Number: 1**

**Creator: Bruns, Shannon**

**List Source: Eurofins Carlsbad**

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

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9247-1

SDG Number: 2875

**Login Number: 9247**

**List Number: 2**

**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**

**List Creation: 12/19/25 01:47 PM**

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

Generated 12/23/2025 2:23:19 PM

## JOB DESCRIPTION

REEVES 26 - 4 SWD  
 2875

## JOB NUMBER

890-9248-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



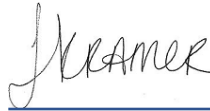
# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



Generated  
12/23/2025 2:23:19 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: REEVES 26 - 4 SWD

Laboratory Job ID: 890-9248-1  
SDG: 2875

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
SDG: 2875

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

# Case Narrative

Client: Carmona Resources  
Project: REEVES 26 - 4 SWD

Job ID: 890-9248-1

**Job ID: 890-9248-1**

**Eurofins Carlsbad**

## Job Narrative 890-9248-1

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 12/18/2025 3:00 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 0.0°C.

### Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: BACKFILL (890-9248-1).

### GC VOA

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

### Diesel Range Organics

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

### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-127285 and analytical batch 880-127333 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Carlsbad



### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

**Client Sample ID: BACKFILL**

**Lab Sample ID: 890-9248-1**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 01:52	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 01:52	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 01:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		12/22/25 10:10	12/23/25 01:52	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/22/25 10:10	12/23/25 01:52	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		12/22/25 10:10	12/23/25 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	12/22/25 10:10	12/23/25 01:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	12/22/25 10:10	12/23/25 01:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			12/23/25 01:52	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			12/23/25 07:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 07:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 07:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 07:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	12/19/25 08:16	12/23/25 07:26	1
o-Terphenyl (Surr)	112		70 - 130	12/19/25 08:16	12/23/25 07:26	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			12/20/25 17:55	1

## Surrogate Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
SDG: 2875

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
890-9246-A-11-E MS	Matrix Spike	110	98
890-9246-A-11-F MSD	Matrix Spike Duplicate	111	94
890-9248-1	BACKFILL	117	97
LCS 880-127412/1-A	Lab Control Sample	104	93
LCSD 880-127412/2-A	Lab Control Sample Dup	106	93
MB 880-127273/5-A	Method Blank	97	92
MB 880-127412/5-A	Method Blank	100	92

## 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	OTPH1
		(70-130)	(70-130)
890-9246-A-2-B MS	Matrix Spike	109	116
890-9246-A-2-C MSD	Matrix Spike Duplicate	101	105
890-9248-1	BACKFILL	112	112
LCS 880-127201/2-A	Lab Control Sample	103	110
LCSD 880-127201/3-A	Lab Control Sample Dup	109	119
MB 880-127201/1-A	Method Blank	104	101

## Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

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

Lab Sample ID: MB 880-127273/5-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127273

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/19/25 13:18	12/22/25 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/19/25 13:18	12/22/25 11:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	12/19/25 13:18	12/22/25 11:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/19/25 13:18	12/22/25 11:52	1

Lab Sample ID: MB 880-127412/5-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/22/25 10:10	12/22/25 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/22/25 10:10	12/22/25 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/22/25 10:10	12/22/25 22:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130	12/22/25 10:10	12/22/25 22:27	1

Lab Sample ID: LCS 880-127412/1-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09761		mg/Kg		98	70 - 130
Toluene	0.100	0.09331		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09841		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1946		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09779		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-127412/2-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1005		mg/Kg		100	70 - 130	3	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

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

Lab Sample ID: LCSD 880-127412/2-A  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Toluene	0.100	0.09512		mg/Kg		95	70 - 130	2	35
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1993		mg/Kg		100	70 - 130	2	35
o-Xylene	0.100	0.09969		mg/Kg		100	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 890-9246-A-11-E MS  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.1026		mg/Kg		103	70 - 130		
Toluene	<0.00200	U	0.100	0.09699		mg/Kg		97	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.1018		mg/Kg		102	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2041		mg/Kg		102	70 - 130		
o-Xylene	<0.00200	U	0.100	0.1019		mg/Kg		102	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9246-A-11-F MSD  
 Matrix: Solid  
 Analysis Batch: 127380

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127412

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09401		mg/Kg		94	70 - 130	9	35
Toluene	<0.00200	U	0.100	0.09096		mg/Kg		91	70 - 130	6	35
Ethylbenzene	<0.00200	U	0.100	0.09554		mg/Kg		96	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1917		mg/Kg		96	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.09622		mg/Kg		96	70 - 130	6	35

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

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

Lab Sample ID: MB 880-127201/1-A  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 127201

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		12/19/25 08:16	12/23/25 01:15	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

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

**Lab Sample ID: MB 880-127201/1-A**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

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 08:16	12/23/25 01:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/19/25 08:16	12/23/25 01:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	104		70 - 130			12/19/25 08:16	12/23/25 01:15	1	
o-Terphenyl (Surr)	101		70 - 130			12/19/25 08:16	12/23/25 01:15	1	

**Lab Sample ID: LCS 880-127201/2-A**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1035		mg/Kg		103	70 - 130
Surrogate	%Recovery	Qualifier	Limits			%Rec	Limits
1-Chlorooctane (Surr)	103		70 - 130				
o-Terphenyl (Surr)	110		70 - 130				

**Lab Sample ID: LCSD 880-127201/3-A**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1105		mg/Kg		111	70 - 130	7	20
Surrogate	%Recovery	Qualifier	Limits			%Rec	Limits	RPD	Limit
1-Chlorooctane (Surr)	109		70 - 130						
o-Terphenyl (Surr)	119		70 - 130						

**Lab Sample ID: 890-9246-A-2-B MS**  
**Matrix: Solid**  
**Analysis Batch: 127423**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 127201**

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	997	947.3		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1010		mg/Kg		101	70 - 130
Surrogate	%Recovery	Qualifier	Limits			%Rec	Limits		
1-Chlorooctane (Surr)	109		70 - 130						
o-Terphenyl (Surr)	116		70 - 130						

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

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

Lab Sample ID: 890-9246-A-2-C MSD  
 Matrix: Solid  
 Analysis Batch: 127423

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 127201

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	904.1		mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	905.6		mg/Kg		91	70 - 130	11	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>		<b>MSD</b>						<b>Limits</b>	
1-Chlorooctane (Surr)	101									70 - 130	
o-Terphenyl (Surr)	105									70 - 130	

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

Lab Sample ID: MB 880-127285/1-A  
 Matrix: Solid  
 Analysis Batch: 127333

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 15:06	1

Lab Sample ID: LCS 880-127285/2-A  
 Matrix: Solid  
 Analysis Batch: 127333

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	241.9		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-127285/3-A  
 Matrix: Solid  
 Analysis Batch: 127333

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	242.3		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 890-9246-A-11-C MS  
 Matrix: Solid  
 Analysis Batch: 127333

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	2190	F1	1240	3596	F1	mg/Kg		113	90 - 110

Lab Sample ID: 890-9246-A-11-D MSD  
 Matrix: Solid  
 Analysis Batch: 127333

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	2190	F1	1240	3581	F1	mg/Kg		112	90 - 110	0	20

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## QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
SDG: 2875

## GC VOA

## Prep Batch: 127273

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-127273/5-A	Method Blank	Total/NA	Solid	5035	

## Analysis Batch: 127380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Total/NA	Solid	8021B	127412
MB 880-127273/5-A	Method Blank	Total/NA	Solid	8021B	127273
MB 880-127412/5-A	Method Blank	Total/NA	Solid	8021B	127412
LCS 880-127412/1-A	Lab Control Sample	Total/NA	Solid	8021B	127412
LCSD 880-127412/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127412
890-9246-A-11-E MS	Matrix Spike	Total/NA	Solid	8021B	127412
890-9246-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	127412

## Prep Batch: 127412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Total/NA	Solid	5035	
MB 880-127412/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127412/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127412/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9246-A-11-E MS	Matrix Spike	Total/NA	Solid	5035	
890-9246-A-11-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 127601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 127201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Total/NA	Solid	8015NM Prep	
MB 880-127201/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127201/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9246-A-2-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9246-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 127423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Total/NA	Solid	8015B NM	127201
MB 880-127201/1-A	Method Blank	Total/NA	Solid	8015B NM	127201
LCS 880-127201/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127201
LCSD 880-127201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127201
890-9246-A-2-B MS	Matrix Spike	Total/NA	Solid	8015B NM	127201
890-9246-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	127201

## Analysis Batch: 127631

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Total/NA	Solid	8015 NM	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

#### HPLC/IC

##### Leach Batch: 127285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Soluble	Solid	DI Leach	
MB 880-127285/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-127285/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-127285/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9246-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9246-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 127333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9248-1	BACKFILL	Soluble	Solid	300.0	127285
MB 880-127285/1-A	Method Blank	Soluble	Solid	300.0	127285
LCS 880-127285/2-A	Lab Control Sample	Soluble	Solid	300.0	127285
LCSD 880-127285/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	127285
890-9246-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	127285
890-9246-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	127285

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
 SDG: 2875

**Client Sample ID: BACKFILL**

**Lab Sample ID: 890-9248-1**

Date Collected: 12/18/25 00:00

Matrix: Solid

Date Received: 12/18/25 15:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	127412	12/22/25 10:10	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	127380	12/23/25 01:52	SA	EET MID
Total/NA	Analysis	Total BTEX		1			127601	12/23/25 01:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			127631	12/23/25 07:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127201	12/19/25 08:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	127423	12/23/25 07:26	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	127285	12/19/25 15:00	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	127333	12/20/25 17:55	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: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
SDG: 2875

#### 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: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
SDG: 2875

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: REEVES 26 - 4 SWD

Job ID: 890-9248-1  
SDG: 2875

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9248-1	BACKFILL	Solid	12/18/25 00:00	12/18/25 15:00	Texas

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9248-1

SDG Number: 2875

**Login Number: 9248**

**List Number: 1**

**Creator: Bruns, Shannon**

**List Source: Eurofins Carlsbad**

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

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9248-1

SDG Number: 2875

**Login Number: 9248**

**List Number: 2**

**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**

**List Creation: 12/19/25 01:47 PM**

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

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## JOB DESCRIPTION

REEVES 26 - 4 SWD  
 Lea County New Mexico

## JOB NUMBER

890-9088-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



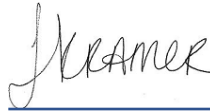
# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



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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: REEVES 26 - 4 SWD

Laboratory Job ID: 890-9088-1  
SDG: Lea County New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
SDG: Lea County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: REEVES 26 - 4 SWD

Job ID: 890-9088-1

**Job ID: 890-9088-1**

**Eurofins Carlsbad**

### Job Narrative 890-9088-1

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 11/14/2025 1:52 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 4.0°C.

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: BH - 1 (0-1') (890-9088-1), BH - 1 (2') (890-9088-2), BH - 1 (3') (890-9088-3), BH - 1 (4') (890-9088-4), BH - 1 (5') (890-9088-5), BH - 2 (0-1') (890-9088-6), BH - 2 (2') (890-9088-7), BH - 2 (3') (890-9088-8), BH - 2 (4') (890-9088-9) and BH - 2 (5') (890-9088-10).

#### GC VOA

Method 8021B: The following sample was diluted due to <physical characteristics>, such as color, odor, appearance, viscosity, etc.>: BH - 1 (2') (890-9088-2). Elevated reporting limits (RL) are provided.

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: BH - 1 (0-1') (890-9088-1), BH - 1 (2') (890-9088-2), BH - 1 (3') (890-9088-3), BH - 1 (4') (890-9088-4), BH - 1 (5') (890-9088-5), BH - 2 (0-1') (890-9088-6), BH - 2 (2') (890-9088-7), BH - 2 (3') (890-9088-8), BH - 2 (4') (890-9088-9), BH - 2 (5') (890-9088-10), (LCS 880-124118/2-A), (LCSD 880-124118/3-A), (890-9086-A-4-A) and (890-9086-A-4-B MS). Evidence of matrix interferences is not obvious.

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

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124245 and analytical batch 880-124313 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.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 1 (0-1')**

**Lab Sample ID: 890-9088-1**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:26	11/22/25 02:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:26	11/22/25 02:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:26	11/22/25 02:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/19/25 10:26	11/22/25 02:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:26	11/22/25 02:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/19/25 10:26	11/22/25 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	11/19/25 10:26	11/22/25 02:02	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/19/25 10:26	11/22/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/22/25 02:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	667		49.9		mg/Kg			11/23/25 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/15/25 11:16	11/23/25 12:26	1
Diesel Range Organics (Over C10-C28)	463		49.9		mg/Kg		11/15/25 11:16	11/23/25 12:26	1
Oil Range Organics (Over C28-C36)	204		49.9		mg/Kg		11/15/25 11:16	11/23/25 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130	11/15/25 11:16	11/23/25 12:26	1
o-Terphenyl (Surr)	135	S1+	70 - 130	11/15/25 11:16	11/23/25 12:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	455		9.96		mg/Kg			11/18/25 15:39	1

**Client Sample ID: BH - 1 (2')**

**Lab Sample ID: 890-9088-2**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200		mg/Kg		11/19/25 10:26	11/22/25 02:23	10
Toluene	<0.0200	U	0.0200		mg/Kg		11/19/25 10:26	11/22/25 02:23	10
Ethylbenzene	<0.0200	U	0.0200		mg/Kg		11/19/25 10:26	11/22/25 02:23	10
m-Xylene & p-Xylene	<0.0400	U	0.0400		mg/Kg		11/19/25 10:26	11/22/25 02:23	10
o-Xylene	<0.0200	U	0.0200		mg/Kg		11/19/25 10:26	11/22/25 02:23	10
Xylenes, Total	<0.0400	U	0.0400		mg/Kg		11/19/25 10:26	11/22/25 02:23	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	11/19/25 10:26	11/22/25 02:23	10
1,4-Difluorobenzene (Surr)	85		70 - 130	11/19/25 10:26	11/22/25 02:23	10

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 1 (2')**

**Lab Sample ID: 890-9088-2**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0400	U	0.0400		mg/Kg			11/22/25 02:23	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			11/22/25 05:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/22/25 05:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/22/25 05:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/22/25 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	161	S1+	70 - 130	11/15/25 11:16	11/22/25 05:43	1
o-Terphenyl (Surr)	158	S1+	70 - 130	11/15/25 11:16	11/22/25 05:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	247		10.0		mg/Kg			11/18/25 15:44	1

**Client Sample ID: BH - 1 (3')**

**Lab Sample ID: 890-9088-3**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 03:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 03:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 03:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/19/25 10:26	11/22/25 03:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 03:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/19/25 10:26	11/22/25 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	11/19/25 10:26	11/22/25 03:57	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/19/25 10:26	11/22/25 03:57	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			11/22/25 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	275		49.9		mg/Kg			11/23/25 13:24	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	<49.9	U	49.9		mg/Kg		11/15/25 11:16	11/23/25 13:24	1
Diesel Range Organics (Over C10-C28)	198		49.9		mg/Kg		11/15/25 11:16	11/23/25 13:24	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 1 (3')**

**Lab Sample ID: 890-9088-3**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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)	76.9		49.9		mg/Kg		11/15/25 11:16	11/23/25 13:24	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)	133	S1+	70 - 130				11/15/25 11:16	11/23/25 13:24	1
o-Terphenyl (Surr)	142	S1+	70 - 130				11/15/25 11:16	11/23/25 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	669	F1	10.1		mg/Kg			11/18/25 15:50	1

**Client Sample ID: BH - 1 (4')**

**Lab Sample ID: 890-9088-4**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 04:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:26	11/22/25 04:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:26	11/22/25 04:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/19/25 10:26	11/22/25 04:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:26	11/22/25 04:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/19/25 10:26	11/22/25 04:17	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)	98		70 - 130				11/19/25 10:26	11/22/25 04:17	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/19/25 10:26	11/22/25 04:17	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			11/22/25 04:17	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			11/23/25 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 13:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 13:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 13:43	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)	135	S1+	70 - 130				11/15/25 11:16	11/23/25 13:43	1
o-Terphenyl (Surr)	132	S1+	70 - 130				11/15/25 11:16	11/23/25 13:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		10.1		mg/Kg			11/18/25 16:05	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 1 (5')**

**Lab Sample ID: 890-9088-5**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 04:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/19/25 10:26	11/22/25 04:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/19/25 10:26	11/22/25 04:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/19/25 10:26	11/22/25 04:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/19/25 10:26	11/22/25 04:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/19/25 10:26	11/22/25 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	11/19/25 10:26	11/22/25 04:38	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/19/25 10:26	11/22/25 04:38	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			11/22/25 04:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1640		49.8		mg/Kg			11/23/25 14:04	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		11/15/25 11:16	11/23/25 14:04	1
Diesel Range Organics (Over C10-C28)	1310		49.8		mg/Kg		11/15/25 11:16	11/23/25 14:04	1
Oil Range Organics (Over C28-C36)	327		49.8		mg/Kg		11/15/25 11:16	11/23/25 14:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130	11/15/25 11:16	11/23/25 14:04	1
o-Terphenyl (Surr)	131	S1+	70 - 130	11/15/25 11:16	11/23/25 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.92		mg/Kg			11/18/25 16:11	1

**Client Sample ID: BH - 2 (0-1')**

**Lab Sample ID: 890-9088-6**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 04:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 04:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 04:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/19/25 10:26	11/22/25 04:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 04:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/19/25 10:26	11/22/25 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	11/19/25 10:26	11/22/25 04:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130	11/19/25 10:26	11/22/25 04:58	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

Client Sample ID: BH - 2 (0-1')

Lab Sample ID: 890-9088-6

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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			11/22/25 04:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	82.1		49.9		mg/Kg			11/23/25 14:23	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	<49.9	U	49.9		mg/Kg		11/15/25 11:16	11/23/25 14:23	1
Diesel Range Organics (Over C10-C28)	82.1		49.9		mg/Kg		11/15/25 11:16	11/23/25 14:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:16	11/23/25 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				11/15/25 11:16	11/23/25 14:23	1
o-Terphenyl (Surr)	145	S1+	70 - 130				11/15/25 11:16	11/23/25 14:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		9.94		mg/Kg			11/18/25 16:42	1

Client Sample ID: BH - 2 (2')

Lab Sample ID: 890-9088-7

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 05:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/22/25 05:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/22/25 05:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/19/25 10:26	11/22/25 05:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/22/25 05:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/19/25 10:26	11/22/25 05:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				11/19/25 10:26	11/22/25 05:19	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/19/25 10:26	11/22/25 05:19	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			11/22/25 05:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			11/23/25 14:42	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	<49.5	U	49.5		mg/Kg		11/15/25 11:16	11/23/25 14:42	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		11/15/25 11:16	11/23/25 14:42	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 2 (2')**

**Lab Sample ID: 890-9088-7**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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)	<49.5	U	49.5		mg/Kg		11/15/25 11:16	11/23/25 14:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130				11/15/25 11:16	11/23/25 14:42	1
o-Terphenyl (Surr)	160	S1+	70 - 130				11/15/25 11:16	11/23/25 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	415		9.98		mg/Kg			11/18/25 16:47	1

**Client Sample ID: BH - 2 (3')**

**Lab Sample ID: 890-9088-8**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 05:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:26	11/22/25 05:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:26	11/22/25 05:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/19/25 10:26	11/22/25 05:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:26	11/22/25 05:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/19/25 10:26	11/22/25 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/19/25 10:26	11/22/25 05:39	1
1,4-Difluorobenzene (Surr)	98		70 - 130				11/19/25 10:26	11/22/25 05:39	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			11/22/25 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/23/25 15:02	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	<49.8	U	49.8		mg/Kg		11/15/25 11:16	11/23/25 15:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/25 11:16	11/23/25 15:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/25 11:16	11/23/25 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				11/15/25 11:16	11/23/25 15:02	1
o-Terphenyl (Surr)	145	S1+	70 - 130				11/15/25 11:16	11/23/25 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	615		9.96		mg/Kg			11/18/25 16:53	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 2 (4')**

**Lab Sample ID: 890-9088-9**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 06:00	1
Toluene	<0.00202	U	0.00202		mg/Kg		11/19/25 10:26	11/22/25 06:00	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		11/19/25 10:26	11/22/25 06:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		11/19/25 10:26	11/22/25 06:00	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		11/19/25 10:26	11/22/25 06:00	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		11/19/25 10:26	11/22/25 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	11/19/25 10:26	11/22/25 06:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130	11/19/25 10:26	11/22/25 06:00	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			11/22/25 06:00	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			11/23/25 15:21	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		11/15/25 11:16	11/23/25 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	11/15/25 11:16	11/23/25 15:21	1
o-Terphenyl (Surr)	149	S1+	70 - 130	11/15/25 11:16	11/23/25 15:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	806		10.0		mg/Kg			11/18/25 16:58	1

**Client Sample ID: BH - 2 (5')**

**Lab Sample ID: 890-9088-10**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:26	11/22/25 06:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 06:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 06:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		11/19/25 10:26	11/22/25 06:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/19/25 10:26	11/22/25 06:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/19/25 10:26	11/22/25 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	11/19/25 10:26	11/22/25 06:21	1
1,4-Difluorobenzene (Surr)	99		70 - 130	11/19/25 10:26	11/22/25 06:21	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 2 (5')**

**Lab Sample ID: 890-9088-10**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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			11/22/25 06:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/23/25 15:40	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		11/15/25 11:16	11/23/25 15:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/15/25 11:16	11/23/25 15:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/15/25 11:16	11/23/25 15:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	126		70 - 130				11/15/25 11:16	11/23/25 15:40	1
o-Terphenyl (Surr)	151	S1+	70 - 130				11/15/25 11:16	11/23/25 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		10.0		mg/Kg			11/18/25 17:04	1

## Surrogate Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
SDG: Lea 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)
890-9079-A-1-C MS	Matrix Spike	113	100
890-9079-A-1-D MSD	Matrix Spike Duplicate	111	110
890-9088-1	BH - 1 (0-1')	104	100
890-9088-2	BH - 1 (2')	76	85
890-9088-3	BH - 1 (3')	114	94
890-9088-4	BH - 1 (4')	98	100
890-9088-5	BH - 1 (5')	98	94
890-9088-6	BH - 2 (0-1')	100	100
890-9088-7	BH - 2 (2')	105	100
890-9088-8	BH - 2 (3')	104	98
890-9088-9	BH - 2 (4')	99	101
890-9088-10	BH - 2 (5')	104	99
LCS 880-124402/1-A	Lab Control Sample	109	97
LCSD 880-124402/2-A	Lab Control Sample Dup	94	97
MB 880-124227/5-A	Method Blank	107	90
MB 880-124402/5-A	Method Blank	111	94

**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)
890-9086-A-4-B MS	Matrix Spike	133 S1+	126
890-9086-A-4-C MSD	Matrix Spike Duplicate	125	120
890-9088-1	BH - 1 (0-1')	121	135 S1+
890-9088-2	BH - 1 (2')	161 S1+	158 S1+
890-9088-3	BH - 1 (3')	133 S1+	142 S1+
890-9088-4	BH - 1 (4')	135 S1+	132 S1+
890-9088-5	BH - 1 (5')	123	131 S1+
890-9088-6	BH - 2 (0-1')	122	145 S1+
890-9088-7	BH - 2 (2')	138 S1+	160 S1+
890-9088-8	BH - 2 (3')	118	145 S1+
890-9088-9	BH - 2 (4')	113	149 S1+
890-9088-10	BH - 2 (5')	126	151 S1+
LCS 880-124118/2-A	Lab Control Sample	150 S1+	136 S1+
LCSD 880-124118/3-A	Lab Control Sample Dup	166 S1+	149 S1+
MB 880-124118/1-A	Method Blank	115	105

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-124227/5-A  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 124227

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/25 13:40	11/21/25 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/25 13:40	11/21/25 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/25 13:40	11/21/25 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/17/25 13:40	11/21/25 11:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/25 13:40	11/21/25 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/17/25 13:40	11/21/25 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/17/25 13:40	11/21/25 11:56	1
1,4-Difluorobenzene (Surr)	90		70 - 130	11/17/25 13:40	11/21/25 11:56	1

Lab Sample ID: MB 880-124402/5-A  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 124402

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/21/25 22:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/21/25 22:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/21/25 22:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/19/25 10:26	11/21/25 22:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:26	11/21/25 22:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/19/25 10:26	11/21/25 22:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	11/19/25 10:26	11/21/25 22:56	1
1,4-Difluorobenzene (Surr)	94		70 - 130	11/19/25 10:26	11/21/25 22:56	1

Lab Sample ID: LCS 880-124402/1-A  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 124402

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1077		mg/Kg		108	70 - 130
Toluene	0.100	0.09215		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09649		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1906		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09813		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-124402/2-A  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 124402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09189		mg/Kg		92	70 - 130	16	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-124402/2-A  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 124402

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.08973		mg/Kg		90	70 - 130	3	35
Ethylbenzene	0.100	0.09129		mg/Kg		91	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1912		mg/Kg		96	70 - 130	0	35
o-Xylene	0.100	0.09769		mg/Kg		98	70 - 130	0	35
<b>LCSD LCSD</b>									
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	94		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 890-9079-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 124402

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1028		mg/Kg		103	70 - 130
Toluene	<0.00200	U	0.100	0.08702		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09281		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2068		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.1053		mg/Kg		105	70 - 130
<b>MS MS</b>									
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
4-Bromofluorobenzene (Surr)	113		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 890-9079-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 124627

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 124402

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	0.1053		mg/Kg		105	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.09103		mg/Kg		91	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.1005		mg/Kg		100	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2140		mg/Kg		107	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1083		mg/Kg		108	70 - 130	3	35
<b>MSD MSD</b>											
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	111		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

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

Lab Sample ID: MB 880-124118/1-A  
 Matrix: Solid  
 Analysis Batch: 124829

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 124118

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		11/15/25 11:16	11/23/25 04:11	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-124118/1-A**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

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		11/15/25 11:16	11/23/25 04:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 04:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	115		70 - 130			11/15/25 11:16	11/23/25 04:11	1	
o-Terphenyl (Surr)	105		70 - 130			11/15/25 11:16	11/23/25 04:11	1	

**Lab Sample ID: LCS 880-124118/2-A**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130
Surrogate	%Recovery	Qualifier	Limits			%Rec	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130				
o-Terphenyl (Surr)	136	S1+	70 - 130				

**Lab Sample ID: LCSD 880-124118/3-A**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1296		mg/Kg		130	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	7	20
Surrogate	%Recovery	Qualifier	Limits			%Rec	Limits	RPD	Limit
1-Chlorooctane (Surr)	166	S1+	70 - 130						
o-Terphenyl (Surr)	149	S1+	70 - 130						

**Lab Sample ID: 890-9086-A-4-B MS**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	994	1142		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	994	1023		mg/Kg		98	70 - 130
Surrogate	%Recovery	Qualifier	Limits			%Rec	Limits		
1-Chlorooctane (Surr)	133	S1+	70 - 130						
o-Terphenyl (Surr)	126		70 - 130						

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-9086-A-4-C MSD  
 Matrix: Solid  
 Analysis Batch: 124829

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 124118

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	<50.2	U	994	1167		mg/Kg		117	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	994	1009		mg/Kg		97	70 - 130	1	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)	120								70 - 130		

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

Lab Sample ID: MB 880-124245/1-A  
 Matrix: Solid  
 Analysis Batch: 124313

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			11/18/25 14:20	1

Lab Sample ID: LCS 880-124245/2-A  
 Matrix: Solid  
 Analysis Batch: 124313

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-124245/3-A  
 Matrix: Solid  
 Analysis Batch: 124313

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	242.3		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 890-9088-3 MS  
 Matrix: Solid  
 Analysis Batch: 124313

Client Sample ID: BH - 1 (3')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	669	F1	253	883.7	F1	mg/Kg		85	90 - 110

Lab Sample ID: 890-9088-3 MSD  
 Matrix: Solid  
 Analysis Batch: 124313

Client Sample ID: BH - 1 (3')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	669	F1	253	886.3	F1	mg/Kg		86	90 - 110	0	20

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## QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
SDG: Lea County New Mexico

## GC VOA

## Prep Batch: 124227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124227/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 124402

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Total/NA	Solid	5035	
890-9088-2	BH - 1 (2')	Total/NA	Solid	5035	
890-9088-3	BH - 1 (3')	Total/NA	Solid	5035	
890-9088-4	BH - 1 (4')	Total/NA	Solid	5035	
890-9088-5	BH - 1 (5')	Total/NA	Solid	5035	
890-9088-6	BH - 2 (0-1')	Total/NA	Solid	5035	
890-9088-7	BH - 2 (2')	Total/NA	Solid	5035	
890-9088-8	BH - 2 (3')	Total/NA	Solid	5035	
890-9088-9	BH - 2 (4')	Total/NA	Solid	5035	
890-9088-10	BH - 2 (5')	Total/NA	Solid	5035	
MB 880-124402/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124402/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124402/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9079-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9079-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 124627

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Total/NA	Solid	8021B	124402
890-9088-2	BH - 1 (2')	Total/NA	Solid	8021B	124402
890-9088-3	BH - 1 (3')	Total/NA	Solid	8021B	124402
890-9088-4	BH - 1 (4')	Total/NA	Solid	8021B	124402
890-9088-5	BH - 1 (5')	Total/NA	Solid	8021B	124402
890-9088-6	BH - 2 (0-1')	Total/NA	Solid	8021B	124402
890-9088-7	BH - 2 (2')	Total/NA	Solid	8021B	124402
890-9088-8	BH - 2 (3')	Total/NA	Solid	8021B	124402
890-9088-9	BH - 2 (4')	Total/NA	Solid	8021B	124402
890-9088-10	BH - 2 (5')	Total/NA	Solid	8021B	124402
MB 880-124227/5-A	Method Blank	Total/NA	Solid	8021B	124227
MB 880-124402/5-A	Method Blank	Total/NA	Solid	8021B	124402
LCS 880-124402/1-A	Lab Control Sample	Total/NA	Solid	8021B	124402
LCSD 880-124402/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124402
890-9079-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	124402
890-9079-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124402

## Analysis Batch: 124937

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Total/NA	Solid	Total BTEX	
890-9088-2	BH - 1 (2')	Total/NA	Solid	Total BTEX	
890-9088-3	BH - 1 (3')	Total/NA	Solid	Total BTEX	
890-9088-4	BH - 1 (4')	Total/NA	Solid	Total BTEX	
890-9088-5	BH - 1 (5')	Total/NA	Solid	Total BTEX	
890-9088-6	BH - 2 (0-1')	Total/NA	Solid	Total BTEX	
890-9088-7	BH - 2 (2')	Total/NA	Solid	Total BTEX	
890-9088-8	BH - 2 (3')	Total/NA	Solid	Total BTEX	
890-9088-9	BH - 2 (4')	Total/NA	Solid	Total BTEX	
890-9088-10	BH - 2 (5')	Total/NA	Solid	Total BTEX	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

#### GC Semi VOA

##### Prep Batch: 124118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Total/NA	Solid	8015NM Prep	
890-9088-2	BH - 1 (2')	Total/NA	Solid	8015NM Prep	
890-9088-3	BH - 1 (3')	Total/NA	Solid	8015NM Prep	
890-9088-4	BH - 1 (4')	Total/NA	Solid	8015NM Prep	
890-9088-5	BH - 1 (5')	Total/NA	Solid	8015NM Prep	
890-9088-6	BH - 2 (0-1')	Total/NA	Solid	8015NM Prep	
890-9088-7	BH - 2 (2')	Total/NA	Solid	8015NM Prep	
890-9088-8	BH - 2 (3')	Total/NA	Solid	8015NM Prep	
890-9088-9	BH - 2 (4')	Total/NA	Solid	8015NM Prep	
890-9088-10	BH - 2 (5')	Total/NA	Solid	8015NM Prep	
MB 880-124118/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124118/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124118/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9086-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9086-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 124829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Total/NA	Solid	8015B NM	124118
890-9088-2	BH - 1 (2')	Total/NA	Solid	8015B NM	124118
890-9088-3	BH - 1 (3')	Total/NA	Solid	8015B NM	124118
890-9088-4	BH - 1 (4')	Total/NA	Solid	8015B NM	124118
890-9088-5	BH - 1 (5')	Total/NA	Solid	8015B NM	124118
890-9088-6	BH - 2 (0-1')	Total/NA	Solid	8015B NM	124118
890-9088-7	BH - 2 (2')	Total/NA	Solid	8015B NM	124118
890-9088-8	BH - 2 (3')	Total/NA	Solid	8015B NM	124118
890-9088-9	BH - 2 (4')	Total/NA	Solid	8015B NM	124118
890-9088-10	BH - 2 (5')	Total/NA	Solid	8015B NM	124118
MB 880-124118/1-A	Method Blank	Total/NA	Solid	8015B NM	124118
LCS 880-124118/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124118
LCSD 880-124118/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124118
890-9086-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	124118
890-9086-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	124118

##### Analysis Batch: 124838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Total/NA	Solid	8015 NM	
890-9088-2	BH - 1 (2')	Total/NA	Solid	8015 NM	
890-9088-3	BH - 1 (3')	Total/NA	Solid	8015 NM	
890-9088-4	BH - 1 (4')	Total/NA	Solid	8015 NM	
890-9088-5	BH - 1 (5')	Total/NA	Solid	8015 NM	
890-9088-6	BH - 2 (0-1')	Total/NA	Solid	8015 NM	
890-9088-7	BH - 2 (2')	Total/NA	Solid	8015 NM	
890-9088-8	BH - 2 (3')	Total/NA	Solid	8015 NM	
890-9088-9	BH - 2 (4')	Total/NA	Solid	8015 NM	
890-9088-10	BH - 2 (5')	Total/NA	Solid	8015 NM	

### QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

#### HPLC/IC

##### Leach Batch: 124245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Soluble	Solid	DI Leach	
890-9088-2	BH - 1 (2')	Soluble	Solid	DI Leach	
890-9088-3	BH - 1 (3')	Soluble	Solid	DI Leach	
890-9088-4	BH - 1 (4')	Soluble	Solid	DI Leach	
890-9088-5	BH - 1 (5')	Soluble	Solid	DI Leach	
890-9088-6	BH - 2 (0-1')	Soluble	Solid	DI Leach	
890-9088-7	BH - 2 (2')	Soluble	Solid	DI Leach	
890-9088-8	BH - 2 (3')	Soluble	Solid	DI Leach	
890-9088-9	BH - 2 (4')	Soluble	Solid	DI Leach	
890-9088-10	BH - 2 (5')	Soluble	Solid	DI Leach	
MB 880-124245/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124245/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124245/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9088-3 MS	BH - 1 (3')	Soluble	Solid	DI Leach	
890-9088-3 MSD	BH - 1 (3')	Soluble	Solid	DI Leach	

##### Analysis Batch: 124313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9088-1	BH - 1 (0-1')	Soluble	Solid	300.0	124245
890-9088-2	BH - 1 (2')	Soluble	Solid	300.0	124245
890-9088-3	BH - 1 (3')	Soluble	Solid	300.0	124245
890-9088-4	BH - 1 (4')	Soluble	Solid	300.0	124245
890-9088-5	BH - 1 (5')	Soluble	Solid	300.0	124245
890-9088-6	BH - 2 (0-1')	Soluble	Solid	300.0	124245
890-9088-7	BH - 2 (2')	Soluble	Solid	300.0	124245
890-9088-8	BH - 2 (3')	Soluble	Solid	300.0	124245
890-9088-9	BH - 2 (4')	Soluble	Solid	300.0	124245
890-9088-10	BH - 2 (5')	Soluble	Solid	300.0	124245
MB 880-124245/1-A	Method Blank	Soluble	Solid	300.0	124245
LCS 880-124245/2-A	Lab Control Sample	Soluble	Solid	300.0	124245
LCSD 880-124245/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124245
890-9088-3 MS	BH - 1 (3')	Soluble	Solid	300.0	124245
890-9088-3 MSD	BH - 1 (3')	Soluble	Solid	300.0	124245

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 1 (0-1')**

**Lab Sample ID: 890-9088-1**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 02:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 02:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 12:26	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 12:26	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 15:39	CS	EET MID

**Client Sample ID: BH - 1 (2')**

**Lab Sample ID: 890-9088-2**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	124627	11/22/25 02:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 02:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/22/25 05:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/22/25 05:43	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 15:44	CS	EET MID

**Client Sample ID: BH - 1 (3')**

**Lab Sample ID: 890-9088-3**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 03:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 03:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 13:24	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 13:24	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 15:50	CS	EET MID

**Client Sample ID: BH - 1 (4')**

**Lab Sample ID: 890-9088-4**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 04:17	SA	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 1 (4')**

**Lab Sample ID: 890-9088-4**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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			124838	11/23/25 13:43	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 13:43	AJ	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 16:05	CS	EET MID

**Client Sample ID: BH - 1 (5')**

**Lab Sample ID: 890-9088-5**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 04:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 14:04	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 14:04	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 16:11	CS	EET MID

**Client Sample ID: BH - 2 (0-1')**

**Lab Sample ID: 890-9088-6**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 04:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 04:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 14:23	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 14:23	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 16:42	CS	EET MID

**Client Sample ID: BH - 2 (2')**

**Lab Sample ID: 890-9088-7**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 05:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 14:42	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 14:42	AJ	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

**Client Sample ID: BH - 2 (2')**

**Lab Sample ID: 890-9088-7**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 16:47	CS	EET MID

**Client Sample ID: BH - 2 (3')**

**Lab Sample ID: 890-9088-8**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 05:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 15:02	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 15:02	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 16:53	CS	EET MID

**Client Sample ID: BH - 2 (4')**

**Lab Sample ID: 890-9088-9**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 06:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 06:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 15:21	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 15:21	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 16:58	CS	EET MID

**Client Sample ID: BH - 2 (5')**

**Lab Sample ID: 890-9088-10**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124402	11/19/25 10:26	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124627	11/22/25 06:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124937	11/22/25 06:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			124838	11/23/25 15:40	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 15:40	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 17:04	CS	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
SDG: Lea County New Mexico

**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: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
SDG: Lea County New Mexico

#### Laboratory: Eurofins Midland

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

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

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

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

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### Method Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
 SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9088-1  
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9088-1	BH - 1 (0-1')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-2	BH - 1 (2')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-3	BH - 1 (3')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-4	BH - 1 (4')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-5	BH - 1 (5')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-6	BH - 2 (0-1')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-7	BH - 2 (2')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-8	BH - 2 (3')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-9	BH - 2 (4')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9088-10	BH - 2 (5')	Solid	11/13/25 00:00	11/14/25 13:52	Texas

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**Eurofins Carlsbad**

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

**Chain of Custody Record**



Environment Testing

<b>Client Information (Sub Contract Lab)</b>		Sampler:	N/A	Lab Pkt:	Kramer, Jessica	Carrier Tracking No(s):	N/A	COC No:	890-6125-1		
Shipping/Receiving		Phone:	N/A	E-Mail:	Jessica.Kramer@et.eurofins.com	State of Origin:	Texas	Page:	Page 1 of 2		
Company:		Eurofins Environment Testing South Center		Accreditations Required (See note)		NELAP - Texas		Job #:	890-9088-1		
Address:		1211 W. Florida Ave.		Due Date Requested:		11/20/2025		Preservation Codes:			
City:		Midland		TAT Requested (days):		N/A		<b>Analysis Requested</b>			
State, Zip:		TX, 79701		PO #:		N/A		8021B/5035FP_CalcBTEX			
Phone:		432-704-5440(Tel)		WO #:		N/A		Total_BTEX_GCV			
Email:		N/A		Project #:		88001161		8015MOD_Calc			
Project Name:		REEVES 26 - 4 SWD		SSOW#:		N/A		8015MOD_NM/8015NM_S_PrepFull TPH			
Site:		N/A		Field Filtered Sample (Yes or No)		X		300_ORGFM_28/DI_LEACHChloride			
Other:		N/A		Perform MS/MSD (Yes or No)		X		Total Number of containers			
Special Instructions/Note:		N/A		8021B/5035FP_CalcBTEX		X		1			
Sample Identification - Client ID (Lab ID)		Sample Date		Sample Time		Sample Type (C=Comp, G=grab)		Matrix (W=Water, S=solid, O=Overstall, BT=Task, A=Adj)		Preservation Code:	
BH - 1 (0-1) (890-9088-1)		11/13/25		Central		G		Solid		G	
BH - 1 (2) (890-9088-2)		11/13/25		Central		G		Solid		G	
BH - 1 (3) (890-9088-3)		11/13/25		Central		G		Solid		G	
BH - 1 (4) (890-9088-4)		11/13/25		Central		G		Solid		G	
BH - 1 (5) (890-9088-5)		11/13/25		Central		G		Solid		G	
BH - 2 (0-1) (890-9088-6)		11/13/25		Central		G		Solid		G	
BH - 2 (2) (890-9088-7)		11/13/25		Central		G		Solid		G	
BH - 2 (3) (890-9088-8)		11/13/25		Central		G		Solid		G	
BH - 2 (4) (890-9088-9)		11/13/25		Central		G		Solid		G	

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

**Possible Hazard Identification**  
 Unconfirmed  
 Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_ Primary Deliverable Rank: 2  
 Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: *Brown* Date/Time: 11-14 1630 Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Custody Seals Intact:  Yes  No Custody Seal No.: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks: 1.811.7 - 1 CAS

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months  
 Special Instructions/QC Requirements: \_\_\_\_\_ Method of Shipment: \_\_\_\_\_

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

**Chain of Custody Record**



<b>Client Information (Sub Contract Lab)</b>		Sampler:	N/A	Lab Pk.:	Kramer, Jessica	Carrier/Tracking No(s):	N/A	COC No.:	890-6125.2
Client Contact:		Phone:	N/A	E-Mail:	Jessica.Kramer@el.eurofins.com	State of Origin:	Texas	Page:	Page 2 of 2
Company:		Eurofins Environment Testing South Cent		Accreditations Required (See note):		NELAP - Texas		Job #:	890-9088-1
Address:		1211 W. Florida Ave.		Due Date Requested:		11/20/2025		Preservation Codes:	
City:		Midland		TAT Requested (days):		N/A		Analysis Requested	
State, Zip:		TX, 79701		PO #:		N/A		WVO #:	
Phone:		432-704-5440(Tel)		Project #:		88001161		SSOW#:	
Email:		N/A		Matrix (W=water, S=solid, O=overhead, B=bitumen, AA=Asph)		N/A		Other:	
Project Name:		REEVES 26 - 4 SWD		Field Filtered Sample (Yes or No)		X		Perform MS/MSD (Yes or No)	
Site:		N/A		8021B/5035FP_CalcBTEX		X		Total Number of containers	
Sample Identification - Client ID (Lab ID)		BH - 2 (5) (890-9088-10)		Sample Date		11/13/25		X	
Sample Date		11/13/25		Sample Time		Central		X	
Sample Type (C=Comp, G=grab)		G		Preservation Code:		Solid		X	
Matrix		Solid		8015MOD_Calc		X		8015MOD_NM/8015NM_S_PrepFull TPH	
Field Filtered Sample (Yes or No)		X		300_ORGFM_28D/DI_LEACHChloride		X		Special Instructions/Note:	
Perform MS/MSD (Yes or No)		X		Total Number of containers		1		Special Instructions/Note:	
8021B/5035FP_CalcBTEX		X		Total Number of containers		1		Special Instructions/Note:	
Total_BTEX_GCV		X		Total Number of containers		1		Special Instructions/Note:	
8015MOD_Calc		X		Total Number of containers		1		Special Instructions/Note:	
8015MOD_NM/8015NM_S_PrepFull TPH		X		Total Number of containers		1		Special Instructions/Note:	
300_ORGFM_28D/DI_LEACHChloride		X		Total Number of containers		1		Special Instructions/Note:	
Total Number of containers		1		Total Number of containers		1		Special Instructions/Note:	
Special Instructions/Note:				Special Instructions/Note:				Special Instructions/Note:	

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

**Possible Hazard Identification**

Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_ Primary Deliverable Rank: 2

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_

Relinquished by: *Baurn* Date/Time: 11/14 1630 Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact:  Yes  No Custody Seal No.: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

Special Instructions/OC Requirements: \_\_\_\_\_

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Method of Shipment: \_\_\_\_\_

Received by: *Michelle* Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Received by: *Silke* Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Ver: 10/10/2024

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9088-1  
SDG Number: Lea County New Mexico

**Login Number: 9088**

**List Number: 1**

**Creator: Bruns, Shannon**

**List Source: Eurofins Carlsbad**

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

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9088-1  
SDG Number: Lea County New Mexico

**Login Number: 9088**  
**List Number: 2**  
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**  
**List Creation: 11/15/25 10:26 AM**

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

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

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## JOB DESCRIPTION

REEVES 26 - 4 SWD  
 Lea County New Mexico

## JOB NUMBER

890-9089-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



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Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Laboratory Job ID: 890-9089-1  
SDG: Lea County New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea 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
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

### Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: REEVES 26 - 4 SWD

Job ID: 890-9089-1

**Job ID: 890-9089-1**

**Eurofins Carlsbad**

### Job Narrative 890-9089-1

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 11/14/2025 1:52 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 4.0°C.

#### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (0-0.5') (890-9089-1), H - 2 (0-0.5') (890-9089-2), H - 3 (0-0.5') (890-9089-3) and H - 4 (0-0.5') (890-9089-4).

#### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124398 and analytical batch 880-124702 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: CCV was biased low for gasoline range hydrocarbons. The bracketing continuing calibration verifications were acceptable within a 12 hour period; therefore, the data was qualified and reported.

(CCV 880-124650/82)

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: H - 1 (0-0.5') (890-9089-1), (LCS 880-124118/2-A), (LCSD 880-124118/3-A), (890-9086-A-4-A) and (890-9086-A-4-B MS). Evidence of matrix interferences is not obvious.

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

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124250 and analytical batch 880-124293 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.

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-124245 and analytical batch 880-124313 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.

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9089-1**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:08	11/22/25 08:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:08	11/22/25 08:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:08	11/22/25 08:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		11/19/25 10:08	11/22/25 08:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/19/25 10:08	11/22/25 08:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/19/25 10:08	11/22/25 08:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	11/19/25 10:08	11/22/25 08:05	1
1,4-Difluorobenzene (Surr)	96		70 - 130	11/19/25 10:08	11/22/25 08:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/22/25 08:05	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			11/23/25 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 15:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 15:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	11/15/25 11:16	11/23/25 15:59	1
o-Terphenyl (Surr)	142	S1+	70 - 130	11/15/25 11:16	11/23/25 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.3		10.0		mg/Kg			11/18/25 17:09	1

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

**Lab Sample ID: 890-9089-2**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:08	11/22/25 08:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 08:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 08:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		11/19/25 10:08	11/22/25 08:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 08:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/19/25 10:08	11/22/25 08:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	11/19/25 10:08	11/22/25 08:25	1
1,4-Difluorobenzene (Surr)	102		70 - 130	11/19/25 10:08	11/22/25 08:25	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9089-2**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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			11/22/25 08:25	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			11/21/25 20:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 20:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 20:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 20:33	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)	76		70 - 130				11/15/25 11:19	11/21/25 20:33	1
o-Terphenyl (Surr)	92		70 - 130				11/15/25 11:19	11/21/25 20:33	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			11/18/25 17:14	1

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

**Lab Sample ID: 890-9089-3**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:08	11/22/25 08:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 08:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 08:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/19/25 10:08	11/22/25 08:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 08:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/19/25 10:08	11/22/25 08:45	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)	100		70 - 130				11/19/25 10:08	11/22/25 08:45	1
1,4-Difluorobenzene (Surr)	95		70 - 130				11/19/25 10:08	11/22/25 08:45	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			11/22/25 08:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/25 21:30	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	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 21:30	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9089-3**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/15/25 11:19	11/21/25 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				11/15/25 11:19	11/21/25 21:30	1
o-Terphenyl (Surr)	96		70 - 130				11/15/25 11:19	11/21/25 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		10.0		mg/Kg			11/18/25 14:17	1

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

**Lab Sample ID: 890-9089-4**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

**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		11/19/25 10:08	11/22/25 09:06	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:08	11/22/25 09:06	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:08	11/22/25 09:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		11/19/25 10:08	11/22/25 09:06	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/19/25 10:08	11/22/25 09:06	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/19/25 10:08	11/22/25 09:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				11/19/25 10:08	11/22/25 09:06	1
1,4-Difluorobenzene (Surr)	100		70 - 130				11/19/25 10:08	11/22/25 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/25 09:06	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			11/21/25 21:51	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		11/15/25 11:19	11/21/25 21:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 21:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/15/25 11:19	11/21/25 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				11/15/25 11:19	11/21/25 21:51	1
o-Terphenyl (Surr)	98		70 - 130				11/15/25 11:19	11/21/25 21:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.7		10.0		mg/Kg			11/18/25 14:22	1

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## Surrogate Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
SDG: Lea 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)
890-9086-A-1-C MS	Matrix Spike	105	103
890-9086-A-1-D MSD	Matrix Spike Duplicate	99	100
890-9089-1	H - 1 (0-0.5')	103	96
890-9089-2	H - 2 (0-0.5')	105	102
890-9089-3	H - 3 (0-0.5')	100	95
890-9089-4	H - 4 (0-0.5')	104	100
LCS 880-124398/1-A	Lab Control Sample	101	101
LCSD 880-124398/2-A	Lab Control Sample Dup	105	105
MB 880-124314/5-A	Method Blank	107	93
MB 880-124398/5-A	Method Blank	112	97

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-9086-A-4-B MS	Matrix Spike	133 S1+	126
890-9086-A-4-C MSD	Matrix Spike Duplicate	125	120
890-9089-1	H - 1 (0-0.5')	120	142 S1+
890-9089-2	H - 2 (0-0.5')	76	92
890-9089-2 MS	H - 2 (0-0.5')	103	105
890-9089-2 MSD	H - 2 (0-0.5')	101	104
890-9089-3	H - 3 (0-0.5')	93	96
890-9089-4	H - 4 (0-0.5')	93	98
LCS 880-124118/2-A	Lab Control Sample	150 S1+	136 S1+
LCS 880-124119/2-A	Lab Control Sample	104	119
LCSD 880-124118/3-A	Lab Control Sample Dup	166 S1+	149 S1+
LCSD 880-124119/3-A	Lab Control Sample Dup	114	125
MB 880-124118/1-A	Method Blank	115	105
MB 880-124119/1-A	Method Blank	91	112

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-124314/5-A  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 124314

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/18/25 11:39	11/21/25 15:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/18/25 11:39	11/21/25 15:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	11/18/25 11:39	11/21/25 15:27	1
1,4-Difluorobenzene (Surr)	93		70 - 130	11/18/25 11:39	11/21/25 15:27	1

Lab Sample ID: MB 880-124398/5-A  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 124398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 02:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 02:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 02:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		11/19/25 10:08	11/22/25 02:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/19/25 10:08	11/22/25 02:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/19/25 10:08	11/22/25 02:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	11/19/25 10:08	11/22/25 02:25	1
1,4-Difluorobenzene (Surr)	97		70 - 130	11/19/25 10:08	11/22/25 02:25	1

Lab Sample ID: LCS 880-124398/1-A  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 124398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09663		mg/Kg		97	70 - 130
Toluene	0.100	0.09073		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09871		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.1848		mg/Kg		92	70 - 130
o-Xylene	0.100	0.09961		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-124398/2-A  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 124398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1025		mg/Kg		103	70 - 130	6	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-124398/2-A  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 124398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.09412		mg/Kg		94	70 - 130	4	35
Ethylbenzene	0.100	0.1043		mg/Kg		104	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1956		mg/Kg		98	70 - 130	6	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	2	35

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

Lab Sample ID: 890-9086-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 124398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.06164	F1	mg/Kg		62	70 - 130
Toluene	<0.00200	U F1	0.100	0.05706	F1	mg/Kg		57	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06678	F1	mg/Kg		67	70 - 130
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.1215	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06673	F1	mg/Kg		67	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-9086-A-1-D MSD  
 Matrix: Solid  
 Analysis Batch: 124702

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 124398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.07285		mg/Kg		73	70 - 130	17	35
Toluene	<0.00200	U F1	0.100	0.06657	F1	mg/Kg		67	70 - 130	15	35
Ethylbenzene	<0.00200	U F1	0.100	0.07266		mg/Kg		73	70 - 130	8	35
m-Xylene & p-Xylene	<0.00400	U F1	0.200	0.1351	F1	mg/Kg		68	70 - 130	11	35
o-Xylene	<0.00200	U F1	0.100	0.07272		mg/Kg		73	70 - 130	9	35

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

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

Lab Sample ID: MB 880-124118/1-A  
 Matrix: Solid  
 Analysis Batch: 124829

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 124118

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		11/15/25 11:16	11/23/25 04:11	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-124118/1-A**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

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		11/15/25 11:16	11/23/25 04:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:16	11/23/25 04:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	115		70 - 130	11/15/25 11:16	11/23/25 04:11	1
o-Terphenyl (Surr)	105		70 - 130	11/15/25 11:16	11/23/25 04:11	1

**Lab Sample ID: LCS 880-124118/2-A**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1002		mg/Kg		100	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

**Lab Sample ID: LCSD 880-124118/3-A**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	7	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	166	S1+	70 - 130
o-Terphenyl (Surr)	149	S1+	70 - 130

**Lab Sample ID: 890-9086-A-4-B MS**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	994	1142		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	<50.2	U	994	1023		mg/Kg		98	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	133	S1+	70 - 130
o-Terphenyl (Surr)	126		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9086-A-4-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 124829**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 124118**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	994	1167		mg/Kg		117	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.2	U	994	1009		mg/Kg		97	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	125		70 - 130								
o-Terphenyl (Surr)	120		70 - 130								

**Lab Sample ID: MB 880-124119/1-A**  
**Matrix: Solid**  
**Analysis Batch: 124650**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 124119**

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		11/15/25 11:19	11/21/25 19:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 19:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/15/25 11:19	11/21/25 19:35	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	91		70 - 130				11/15/25 11:19	11/21/25 19:35	1
o-Terphenyl (Surr)	112		70 - 130				11/15/25 11:19	11/21/25 19:35	1

**Lab Sample ID: LCS 880-124119/2-A**  
**Matrix: Solid**  
**Analysis Batch: 124650**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 124119**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec	RPD	Limit
							Result		
Gasoline Range Organics (GRO)-C6-C10	1000	842.0		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	938.5		mg/Kg		94	70 - 130		
Surrogate	LCS	LCS							
	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	104		70 - 130						
o-Terphenyl (Surr)	119		70 - 130						

**Lab Sample ID: LCSD 880-124119/3-A**  
**Matrix: Solid**  
**Analysis Batch: 124650**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 124119**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Result		
Gasoline Range Organics (GRO)-C6-C10	1000	929.7		mg/Kg		93	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	971.7		mg/Kg		97	70 - 130	3	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-124119/3-A  
 Matrix: Solid  
 Analysis Batch: 124650

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 124119

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: 890-9089-2 MS  
 Matrix: Solid  
 Analysis Batch: 124650

Client Sample ID: H - 2 (0-0.5')  
 Prep Type: Total/NA  
 Prep Batch: 124119

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec	Limits
	Result	Qualifier		Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1085		mg/Kg		108		70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	838.0		mg/Kg		82		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 890-9089-2 MSD  
 Matrix: Solid  
 Analysis Batch: 124650

Client Sample ID: H - 2 (0-0.5')  
 Prep Type: Total/NA  
 Prep Batch: 124119

Analyte	Sample	Sample	Spike	MSD		Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier		Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	901.2		mg/Kg		90		70 - 130	18		20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	813.4		mg/Kg		79		70 - 130	3		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-124250/1-A  
 Matrix: Solid  
 Analysis Batch: 124293

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Chloride	<10.0	U	10.0		mg/Kg			11/18/25 11:27		1

Lab Sample ID: LCS 880-124250/2-A  
 Matrix: Solid  
 Analysis Batch: 124293

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike	LCS		Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Chloride	250	230.7		mg/Kg		92		90 - 110

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-124250/3-A  
 Matrix: Solid  
 Analysis Batch: 124293

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	228.3		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-65040-A-6-B MS  
 Matrix: Solid  
 Analysis Batch: 124293

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	9000	F1	4980	15260	F1	mg/Kg		126	90 - 110

Lab Sample ID: 880-65040-A-6-C MSD  
 Matrix: Solid  
 Analysis Batch: 124293

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	9000	F1	4980	15160	F1	mg/Kg		124	90 - 110	1	20

Lab Sample ID: MB 880-124245/1-A  
 Matrix: Solid  
 Analysis Batch: 124313

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			11/18/25 14:20	1

Lab Sample ID: LCS 880-124245/2-A  
 Matrix: Solid  
 Analysis Batch: 124313

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.9		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-124245/3-A  
 Matrix: Solid  
 Analysis Batch: 124313

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	242.3		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 890-9088-A-3-C MS  
 Matrix: Solid  
 Analysis Batch: 124313

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	669	F1	253	883.7	F1	mg/Kg		85	90 - 110

Lab Sample ID: 890-9088-A-3-D MSD  
 Matrix: Solid  
 Analysis Batch: 124313

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	669	F1	253	886.3	F1	mg/Kg		86	90 - 110	0	20

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## QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
SDG: Lea County New Mexico

## GC VOA

## Prep Batch: 124314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-124314/5-A	Method Blank	Total/NA	Solid	5035	

## Prep Batch: 124398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Total/NA	Solid	5035	
890-9089-2	H - 2 (0-0.5')	Total/NA	Solid	5035	
890-9089-3	H - 3 (0-0.5')	Total/NA	Solid	5035	
890-9089-4	H - 4 (0-0.5')	Total/NA	Solid	5035	
MB 880-124398/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-124398/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-124398/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9086-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-9086-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 124702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Total/NA	Solid	8021B	124398
890-9089-2	H - 2 (0-0.5')	Total/NA	Solid	8021B	124398
890-9089-3	H - 3 (0-0.5')	Total/NA	Solid	8021B	124398
890-9089-4	H - 4 (0-0.5')	Total/NA	Solid	8021B	124398
MB 880-124314/5-A	Method Blank	Total/NA	Solid	8021B	124314
MB 880-124398/5-A	Method Blank	Total/NA	Solid	8021B	124398
LCS 880-124398/1-A	Lab Control Sample	Total/NA	Solid	8021B	124398
LCSD 880-124398/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	124398
890-9086-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	124398
890-9086-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	124398

## Analysis Batch: 124946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9089-2	H - 2 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9089-3	H - 3 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9089-4	H - 4 (0-0.5')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 124118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-124118/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-124118/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124118/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9086-A-4-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9086-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Prep Batch: 124119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-2	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9089-3	H - 3 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9089-4	H - 4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-124119/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Prep Batch: 124119 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-124119/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-124119/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9089-2 MS	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9089-2 MSD	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 124650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-2	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	124119
890-9089-3	H - 3 (0-0.5')	Total/NA	Solid	8015B NM	124119
890-9089-4	H - 4 (0-0.5')	Total/NA	Solid	8015B NM	124119
MB 880-124119/1-A	Method Blank	Total/NA	Solid	8015B NM	124119
LCS 880-124119/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124119
LCSD 880-124119/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124119
890-9089-2 MS	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	124119
890-9089-2 MSD	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	124119

## Analysis Batch: 124800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Total/NA	Solid	8015 NM	
890-9089-2	H - 2 (0-0.5')	Total/NA	Solid	8015 NM	
890-9089-3	H - 3 (0-0.5')	Total/NA	Solid	8015 NM	
890-9089-4	H - 4 (0-0.5')	Total/NA	Solid	8015 NM	

## Analysis Batch: 124829

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Total/NA	Solid	8015B NM	124118
MB 880-124118/1-A	Method Blank	Total/NA	Solid	8015B NM	124118
LCS 880-124118/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	124118
LCSD 880-124118/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	124118
890-9086-A-4-B MS	Matrix Spike	Total/NA	Solid	8015B NM	124118
890-9086-A-4-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	124118

## HPLC/IC

## Leach Batch: 124245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Soluble	Solid	DI Leach	
890-9089-2	H - 2 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-124245/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124245/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124245/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9088-A-3-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9088-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Leach Batch: 124250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-3	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
890-9089-4	H - 4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-124250/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-124250/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-124250/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

### QC Association Summary

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

#### HPLC/IC (Continued)

##### Leach Batch: 124250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65040-A-6-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-65040-A-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 124293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-3	H - 3 (0-0.5')	Soluble	Solid	300.0	124250
890-9089-4	H - 4 (0-0.5')	Soluble	Solid	300.0	124250
MB 880-124250/1-A	Method Blank	Soluble	Solid	300.0	124250
LCS 880-124250/2-A	Lab Control Sample	Soluble	Solid	300.0	124250
LCSD 880-124250/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124250
880-65040-A-6-B MS	Matrix Spike	Soluble	Solid	300.0	124250
880-65040-A-6-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	124250

##### Analysis Batch: 124313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9089-1	H - 1 (0-0.5')	Soluble	Solid	300.0	124245
890-9089-2	H - 2 (0-0.5')	Soluble	Solid	300.0	124245
MB 880-124245/1-A	Method Blank	Soluble	Solid	300.0	124245
LCS 880-124245/2-A	Lab Control Sample	Soluble	Solid	300.0	124245
LCSD 880-124245/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	124245
890-9088-A-3-C MS	Matrix Spike	Soluble	Solid	300.0	124245
890-9088-A-3-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	124245

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9089-1**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	124398	11/19/25 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/22/25 08:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124946	11/22/25 08:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			124800	11/23/25 15:59	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124118	11/15/25 11:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124829	11/23/25 15:59	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 17:09	CS	EET MID

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

**Lab Sample ID: 890-9089-2**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124398	11/19/25 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/22/25 08:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124946	11/22/25 08:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			124800	11/21/25 20:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 20:33	AJ	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	124245	11/17/25 15:51	SA	EET MID
Soluble	Analysis	300.0		1			124313	11/18/25 17:14	CS	EET MID

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

**Lab Sample ID: 890-9089-3**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124398	11/19/25 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/22/25 08:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124946	11/22/25 08:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			124800	11/21/25 21:30	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 21:30	AJ	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	124250	11/17/25 16:00	SA	EET MID
Soluble	Analysis	300.0		1			124293	11/18/25 14:17	CS	EET MID

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

**Lab Sample ID: 890-9089-4**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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	124398	11/19/25 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	124702	11/22/25 09:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			124946	11/22/25 09:06	SA	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9089-4**

Date Collected: 11/13/25 00:00

Matrix: Solid

Date Received: 11/14/25 13:52

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			124800	11/21/25 21:51	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	124119	11/15/25 11:19	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	124650	11/21/25 21:51	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	124250	11/17/25 16:00	SA	EET MID
Soluble	Analysis	300.0		1			124293	11/18/25 14:22	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: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
SDG: Lea County New Mexico

#### Laboratory: Eurofins Midland

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

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

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

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

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### Method Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
SDG: Lea County New Mexico

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

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



### Sample Summary

Client: Carmona Resources  
Project/Site: REEVES 26 - 4 SWD

Job ID: 890-9089-1  
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9089-1	H - 1 (0-0.5')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9089-2	H - 2 (0-0.5')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9089-3	H - 3 (0-0.5')	Solid	11/13/25 00:00	11/14/25 13:52	Texas
890-9089-4	H - 4 (0-0.5')	Solid	11/13/25 00:00	11/14/25 13:52	Texas

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Chain of Custody

Work Order NO:

Project Manager: Ashton Thielke  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-8988

Bill to: (if different)  
 Company Name: Cimarex Energy  
 Address: 600 N Marienfield St, Suite 600  
 City, State ZIP: Midland, TX 79701  
 Email: laci.luigi@coterra.com & ThielkeA@carmonaresources.com

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

Project Name: Reeves 26-4 SWD  
 Project Number: 2875  
 Project Location: Lea County, New Mexico  
 Sampler's Name: KR  
 PO #: KR

Turn Around  
 Routine  Rush  
 Due Date: Standard TAT

Temp Blank: Yes  No   
 Received Intact: Yes  No   
 Cooler Custody Seals: Yes  No   
 Sample Custody Seals: Yes  No   
 Total Containers: 4.0

Wet Ice: Yes  No   
 Thermometer ID: T-1000  
 Correction Factor: -0.2  
 Temperature Reading: 4.2  
 Corrected Temperature: 4.0

Pres. Code: Parameters  
 None: NO  
 Cool: Cool  
 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

DI Water: H<sub>2</sub>O  
 MeOH: Me  
 HNO<sub>3</sub>: HN  
 NaOH: Na



Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont
H-1 (0-0.5')	11/13/2025		X		G	1
H-2 (0-0.5')	11/13/2025		X		G	1
H-3 (0-0.5')	11/13/2025		X		G	1
H-4 (0-0.5')	11/13/2025		X		G	1

BTX 8021B  
 TPH 8015M (GRO + PRO + MRO)  
 Chloride 300.0

Hold

Comments:

Relinquished by: (Signature) *[Signature]*  
 Date/Time: 11/24/2025

Received by: (Signature) *[Signature]*  
 Date/Time: 11-14 1352



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

**Chain of Custody Record**



Environment Testing

<b>Client Information (Sub Contract Lab)</b>	Sampler:	Lab Pmt:	COC No:
Client Contact:	N/A	Kramer, Jessica	890-5126-1
Shipping/Receiving:	Phone:	E-Mail:	Page:
	N/A	Jessica.Kramer@et.eurofins.com	Page 1 of 1
Company:	Accreditations Required (See note):		Job #:
Eurofins Environment Testing South Cent	NELAP - Texas		890-9089-1
Address:	Due Date Requested:	Preservation Codes:	
1211 W. Florida Ave.	1/1/2025		
City:	TAT Requested (days):		
Midland	N/A		
State, Zip:			
TX, 79701			
Phone:	PO #:		
432-704-5440(Tel)	N/A		
Email:	WO #:		
N/A	N/A		
Project Name:	Project #:		
REEVES 26 - 4 SWD	88001161		
Site:	SSOW#:		
N/A	N/A		

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=Water, S=solid, O=Overhaul, BT=Basin, A=Air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
H - 1 (0-0.5) (890-9089-1)	1/1/3/25		G	Solid		X	X	8021B/5035FP_CalcBTEX Total_BTEX_GCV 8015MOD_Calc 8015MOD_NM/8015NM_S_PrepFull TPH 300_ORGFM_28/DI_LEACHChloride	1	
H - 2 (0-0.5) (890-9089-2)	1/1/3/25		G	Solid		X	X		1	
H - 3 (0-0.5) (890-9089-3)	1/1/3/25		G	Solid		X	X		1	
H - 4 (0-0.5) (890-9089-4)	1/1/3/25		G	Solid		X	X		1	

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

**Possible Hazard Identification**

Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_

Primary Deliverable Rank: 2

Special Instructions/QC Requirements: \_\_\_\_\_

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

Relinquished by: *[Signature]* Date/Time: 1/14/16 3:30 Company: \_\_\_\_\_

Relinquished by: *[Signature]* Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact:  Yes  No Custody Seal No.: \_\_\_\_\_

Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

Received by: *[Signature]* Date/Time: 1/8/17 -1 TRS Company: \_\_\_\_\_

Received by: *[Signature]* Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9089-1  
SDG Number: Lea County New Mexico

**Login Number: 9089**

**List Number: 1**

**Creator: Bruns, Shannon**

**List Source: Eurofins Carlsbad**

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

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9089-1  
SDG Number: Lea County New Mexico

**Login Number: 9089**  
**List Number: 2**  
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**  
**List Creation: 11/15/25 10:26 AM**

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

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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 545826

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nCH1825442282
Incident Name	NCH1825442282 REEVES 26 #004 @ 30-025-03137
Incident Type	Fire
Incident Status	Reclamation Report Received
Incident Well	[30-025-03137] REEVES 26 #004

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	REEVES 26 #004
Date Release Discovered	09/03/2018
Surface Owner	State

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

<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	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Lightning   Tank (Any)   Other (Specify)   Released: 35 BBL   Recovered: 30 BBL   Lost: 5 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be 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: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (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	<b>True</b>
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	<b>True</b>
All free liquids and recoverable materials have been removed and managed appropriately	<b>True</b>
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 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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 01/23/2026
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QUESTIONS, Page 3

Action 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Site Characterization**  
*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
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	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 300 and 500 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 300 and 500 (ft.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 300 and 500 (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)	806
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	2190
GRO+DRO (EPA SW-846 Method 8015M)	1640
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	12/18/2025
On what date will (or did) the final sampling or liner inspection occur	12/18/2025
On what date will (or was) the remediation complete(d)	01/16/2026
What is the estimated surface area (in square feet) that will be reclaimed	80000
What is the estimated volume (in cubic yards) that will be reclaimed	605
What is the estimated surface area (in square feet) that will be remediated	2035
What is the estimated volume (in cubic yards) that will be remediated	605

*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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Action 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <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	FEEM0112342028 LEA LAND LANDFILL
<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	Not answered.
<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)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 01/23/2026
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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 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**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 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>534608</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>12/18/2025</b>
What was the (estimated) number of samples that were to be gathered	<b>22</b>
What was the sampling surface area in square feet	<b>1400</b>

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	2035
What was the total volume (cubic yards) remediated	605
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	80000
What was the total volume (in cubic yards) reclaimed	605
Summarize any additional remediation activities not included by answers (above)	The previous tank battery where the incident took place was remediated. There was a well onsite that was not being used and we gauged and plugged it per NMOSE standards. During that time, we gauged the well and did not detect water at 51' (see plugging report). There is a pond ~1500ft to the southwest. Following the remediation, H&R Enterprises reclaimed the entire well pad location and we will reseed the entire area this spring.

*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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 01/23/2026
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Action 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**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	Yes
What was the total reclamation surface area (in square feet) for this site	80000
What was the total volume of replacement material (in cubic yards) for this site	605
<i>Per Paragraph (1) of Subsection D of 19.15.29.13 NMAC the reclamation must contain a minimum of four feet of non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. The soil cover must include a top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater.</i>	
Is the soil top layer complete and is it suitable material to establish vegetation	Yes
On what (estimated) date will (or was) the reseeded commence(d)	05/01/2026
Summarize any additional reclamation activities not included by answers (above)	The previous tank battery where the incident took place was remediated. There was a well onsite that was not being used and we gauged and plugged it per NMOSE standards. During that time, we gauged the well and did not detect water at 51' (see plugging report). There is a pond ~1500ft to the southwest. Following the remediation, H&R Enterprises reclaimed the entire well pad location and we will reseed the entire area this spring.
<i>The responsible party must attach information demonstrating they have complied with all applicable reclamation requirements and any conditions or directives of the OCD. This demonstration should be in the form of attachments (in .pdf format) including a scaled site map, any proposed reseeded plans or relevant field notes, photographs of reclaimed area, and a narrative of the reclamation activities. Refer to 19.15.29.13 NMAC.</i>	
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: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 01/23/2026

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Action 545826

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
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	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**QUESTIONS**

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

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CONDITIONS

Action 545826

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 545826
	Action Type: [C-141] Reclamation Report C-141 (C-141-v-Reclamation)

**CONDITIONS**

Created By	Condition	Condition Date
nvelez	Remediation closure and reclamation report approved, release resolved. Pending re-vegetation report.	3/13/2026