



**SITE INFORMATION**

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**Closure Report**

**North Maduro Federal Unit #003H (09.11.2013)**

**Incident ID: NSAD1326256192**

**Lea County, New Mexico**

**Unit E, Sec 20, T19S, R33E**

**32.6466522, -103.6920547**

**Crude Oil Release**

**Point of Release: Polish Rod of Pumping Unit Broke**

**Release Date: 09.11.2013**

**Volume Released: 3 Barrels of Crude Oil**

**Volume Recovered: 0 Barrels of Crude Oil**

**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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March 16, 2026

New Mexico Oil Conservation District  
1220 South St, France Drive  
Santa Fe, NM 87505

Re: **Closure Report**  
**North Maduro Federal Unit #003H (09.11.2013)**  
**Incident ID: NSAD1326256192**  
**Coterra Energy Operating Co.**  
**Site Location: Unit E, S20, T19S, R33E**  
**32.6466522, -103.6920547**  
**Lea County, New Mexico**

To whom it may concern:

At the request of Coterra Energy Operating Co., Carmona Resources LLC, has prepared this letter to document the confirmation sampling conducted at the North Maduro Federal Unit #003H well pad, located at 32.6466522, -103.6920547 within Unit E, S20, T19S, R33E, 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 11, 2013, due to a polish rod on the pumping unit breaking, causing oil to overspray on to the well pad to the north of the pumping unit. The incident resulted in the release of approximately three (3) barrels of crude oil, with zero (0) barrels recovered. The release area is approximately 5,850 square feet. The spill boundaries are shown in Figure 3. The initial C-141 form is attached in Appendix C.

### **2.0 Site Characterization and Groundwater**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. The nearest groundwater determination bore (GWDB) is located approximately 0.03 miles North of the site in S20, T19S, 33E, and was drilled in 2025. The GWDB was drilled to a depth of 105 feet below ground surface (ft bgs) and did not show evidence of groundwater present after 72 hours. A copy of the summary report is attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

Per the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing 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: 20,000 mg/kg.



#### **4.0 Remediation Activities**

According to the initial C-141 on September 19, 2013, “Backhoe to surface scrape the caliche pad and disposed of at an approved disposal”. Additionally, during the remediation of a nearby spill incident (nAPP2512052637), the “North Maduro Federal Unit #003H” well pad was used to drill the previously mentioned 105’ GWDB. The north side of the well pad was also used to stockpile all excavated material on plastic for that incident. At the completion of that project, the entire area was scraped & leveled again and the GWDB was plugged.

On March 5, 2026, Carmona Resources personnel were onsite to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on February 27, 2026, per Subsection D of 19.15.29.12 NMAC, see Appendix C. A total of four (4) horizontal samples (H-1 through H-4) were collected for horizontal delineation, and thirty (30) confirmation floor samples (CS-1 through CS-30) were collected every 200 square feet to ensure the proper removal of contaminated soil. Composite confirmation sidewall samples were not collected due to the excavation being less than 1.0’ in depth. For chemical analysis, the soil samples were collected and placed into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas in accordance with established chain-of-custody protocols. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA method 8021B, and Chloride by EPA method 300. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chlorides. Refer to Table 1. The confirmation sample locations are shown in Figure 3.

Approximately 5,850 square feet of impacted area was remediated, resulting in the removal of an estimated 40 cubic yards of soil, which was transported offsite for proper disposal at Lea Land Disposal. Due to the surface scrape being so shallow, the location was not backfilled with any material. Production managers onsite have determined that the caliche thickness remaining on the well pad is sufficient and will not pose as a safety or stability risk for O&G operations. Once the well on site has been plugged and abandoned, the entire well pad will be reclaimed per NMAC 19.15.29.13.

#### **5.0 Conclusion**

Based on the analytical data from the confirmation sampling event, 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**

Ashton Thielke  
Director of Operations


Ivan Ramos  
Project Manager

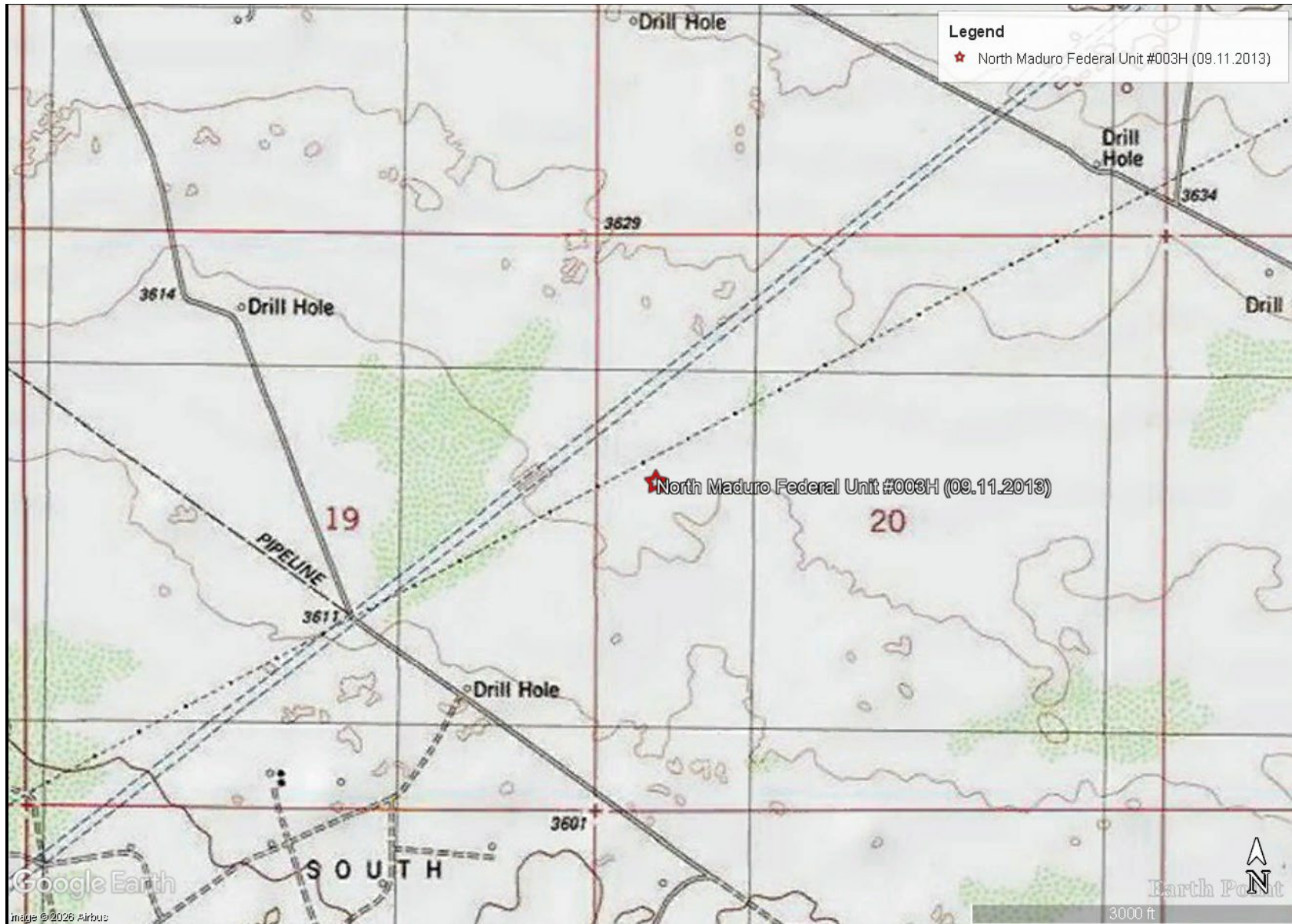
# FIGURES

CARMONA RESOURCES





<p>OVERVIEW MAP COTERRA ENERGY OPERATING CO NORTH MADURO FEDERAL UNIT #003H (09.11.2013) LEA COUNTY, NEW MEXICO 32.6466522, -103.6920547</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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TOPOGRAPHIC MAP  
COTERRA ENERGY OPERATING CO  
LEA UNIT WEST FLARE (12.02.2025)  
LEA COUNTY, NEW MEXICO  
32.59241, -103.51972

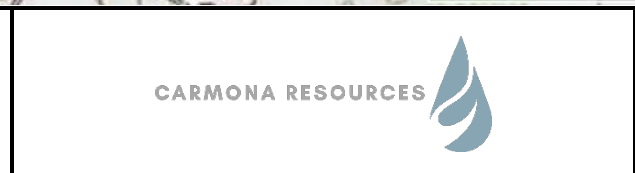

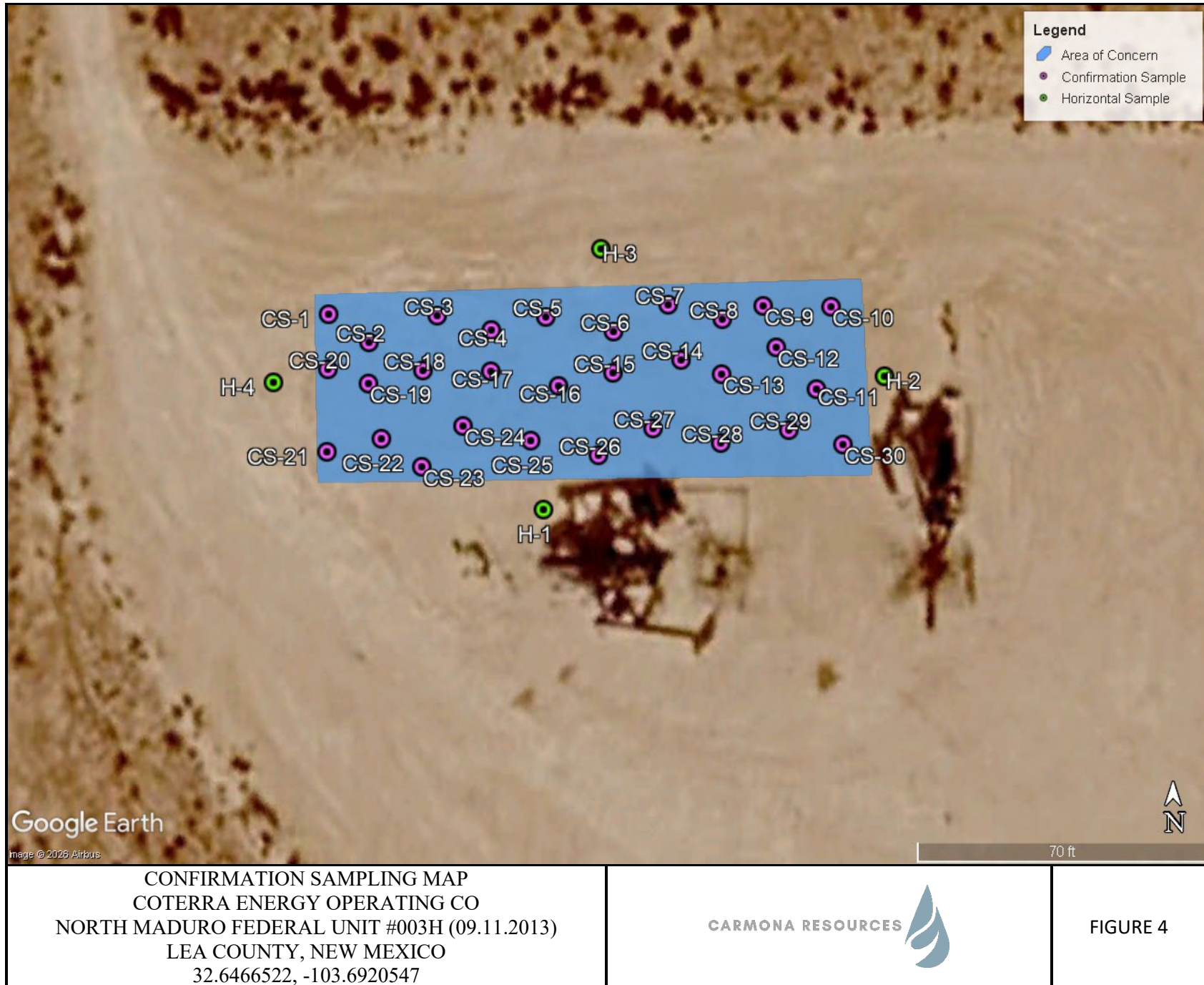


FIGURE 2



<p>AREA OF CONCERN MAP COTERRA ENERGY OPERATING CO NORTH MADURO FEDERAL UNIT #003H (09.11.2013) LEA COUNTY, NEW MEXICO 32.6466522, -103.6920547</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1**  
**Coterra Energy Operating Co.**  
**North Maduro Federal Unit #003H (09.11.2013)**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	13.5
CS-2	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	13.7
CS-3	3/5/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
CS-4	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.92
CS-5	3/5/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.98
CS-6	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	18.4
CS-7	3/5/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	14.7
CS-8	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.92
CS-9	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	35.0
CS-10	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	24.2
CS-11	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	10.3
CS-12	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	16.6
CS-13	3/5/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	92.8
CS-14	3/5/2026	0.25'	<49.8	50.9	<49.8	50.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	31.9
CS-15	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	66.3
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 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 1**  
**Coterra Energy Operating Co.**  
**North Maduro Federal Unit #003H (09.11.2013)**  
**Lea County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-16	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<9.92
CS-17	3/5/2026	0.25'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<10.0
CS-18	3/5/2026	0.25'	<50.2	<50.2	<50.2	<50.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	<9.94
CS-19	3/5/2026	0.25'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
CS-20	3/5/2026	0.25'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.1
CS-21	3/5/2026	0.25'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	159
CS-22	3/5/2026	0.25'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	152
CS-23	3/5/2026	0.25'	<50.5	<50.5	<50.5	<50.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
CS-24	3/5/2026	0.25'	<50.3	<50.3	<50.3	<50.3	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	12.7
CS-25	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	30.0
CS-26	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	27.5
CS-27	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	35.9
CS-28	3/5/2026	0.25'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	10.7
CS-29	3/5/2026	0.25'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.1
CS-30	3/5/2026	0.25'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	139
<i>Regulatory Criteria<sup>A</sup></i>			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 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 1  
Coterra Energy Operating Co.  
North Maduro Federal Unit #003H (09.11.2013)  
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	3/5/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	26.7
H-2	3/5/2026	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
H-3	3/5/2026	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
H-4	3/5/2026	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	27.0
<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

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co

### Photograph No. 1

**Facility:** NORTH MADURO FEDERAL UNIT #003H (09.11.2013)

**County:** Lea County, New Mexico

**Description:**  
View Southwest, area of CS-1 through CS-5, CS-17 through CS-24.



### Photograph No. 2

**Facility:** NORTH MADURO FEDERAL UNIT #003H (09.11.2013)

**County:** Lea County, New Mexico

**Description:**  
View South, area of CS-1 through CS-5, CS-17 through CS-24.



### Photograph No. 3

**Facility:** NORTH MADURO FEDERAL UNIT #003H (09.11.2013)

**County:** Lea County, New Mexico

**Description:**  
View Southeast, area of CS-6 through CS-16, CS-25 through CS-30.



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co

### Photograph No. 4

**Facility:** NORTH MADURO FEDERAL UNIT #003H (09.11.2013)

**County:** Lea County, New Mexico

**Description:**  
View Southwest, area of CS-1 through CS-30.



### Photograph No. 5

**Facility:** NORTH MADURO FEDERAL UNIT #003H (09.11.2013)

**County:** Lea County, New Mexico

**Description:**  
View Northwest, area of CS-1 through CS-30.



### Photograph No. 6

**Facility:** NORTH MADURO FEDERAL UNIT #003H (09.11.2013)

**County:** Lea County, New Mexico

**Description:**  
View East, area of CS-1 through CS-30. Previous Groundwater Determination Bore was located in background in front of pick up truck.



# 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

**HOBBS OCD** State of New Mexico  
Energy Minerals and Natural Resources  
SEP 12 2013 Oil Conservation Division  
1220 South St. Francis Dr.  
RECEIVED Santa Fe, NM 87505

Form C-141  
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

### Release Notification and Corrective Action

**OPERATOR**  Initial Report  Final Report

Name of Company Cimarex Energy Co	Contact Mark Bishop
Address 2020 West Bender, Hobbs	Telephone No. 575-602-1002
Facility Name N Maduro Fed Unit #3H	Facility Type Oil Production

Surface Owner BLM	Mineral Owner BLM	API No. 30-025-39623
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### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
E	20	19S	33E	2310'	FNL	560'	FWL	Lea

ORL  
9/18/13

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

### NATURE OF RELEASE

Type of Release Oil	Volume of Release 2-3 bbl	Volume Recovered 0
Source of Release Tubing	Date and Hour of Occurrence 9-11-13 2:00PM	Date and Hour of Discovery 9-11-13 2:30 PM

Was Immediate Notice Given? Required <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not	If YES, To Whom?
------------------------------------------------------------------------------------------------------------------------------------------	------------------

By Whom? Mark Bishop	Date and Hour 9-11 2:30 PM
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Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.
---------------------------------------------------------------------------------------------------	-------------------------------------------

If a Watercourse was Impacted, Describe Why:  
*Jeffrey Sekins*  
 Environmental Specialist 9/18/13  
 GW @ 195'

Describe Cause of Problem and Remedial Action Taken.\*  
 Polished Rod on pumping unit broke; lower portion of polished rod fell back inside tubing allowing fluid to pass through open stuffing box. Oil squirted straight up into air and was carried by wind across location painting 40' X 150' area of well pad location with oil. There was no standing oil to pick up.

Describe Area Affected and Cleanup Action Taken.\*  
 40' X 150' area of location was superficially oil stained. There was no standing oil to pick up. Used roustabouts and backhoe to scrape surface of caliche pad and heavier affected area around wellhead was shoveled into bucket and loaded into dump truck and taken to approved disposal facility.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

Signature: Mark Bishop	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Mark Bishop	<i>Jeffrey Sekins</i> Approved by Environmental Specialist Environmental Specialist	
Title: Production Foreman	Approval Date: 9/18/13	Expiration Date: 11/18/13
E-mail Address: mbishop@cimarex.com	Conditions of Approval: <b>DELINQUENT REMEDIATE PER NMOCD GUIDELINES SUBMIT FINAL C-141 BY</b>	Attached <input type="checkbox"/>
Date: 9-12-13 1002	Phone: 575-602-1002	IRP-9-13-2960

Attach Additional Sheets If Necessary

**HOBBS OCD**

**SEP 12 2013**

**RECEIVED**

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 558517

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 558517
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nSAD1326256192
Incident Name	NSAD1326256192 2013 A OS @ 30-025-39623
Incident Type	Oil Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-39623] NORTH MADURO FEDERAL UNIT #003H

<b>Location of Release Source</b>	
Site Name	Unavailable.
Date Release Discovered	09/11/2013
Surface Owner	Federal

<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	6,300
What is the estimated number of samples that will be gathered	35
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/05/2026
Time sampling will commence	11:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources 432-813-8988 Surface composite sampling will be conducted onsite.
Please provide any information necessary for navigation to sampling site	32.6466522,-103.6920547

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 558517

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 558517
	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.	2/27/2026
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.	2/27/2026

## APPENDIX D





CARMONA RESOURCES



# Nearest water well

Coterra Energy Operating Co.

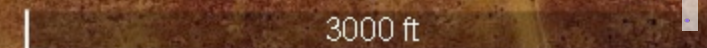
## Legend

-  0.03 Miles
-  0.50 Mile Radius
-  Groundwater Determination Bore
-  North Maduro Federal Unit #003H (09.11.2013)



105' GWDB - Drilled 2025



North Maduro Federal Unit #003H (09.11.2013)



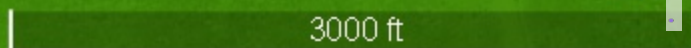
# LOW Karst

Coterra Energy Operating Co.

**Legend**

-  Low
-  North Maduro Federal Unit #003H (09.11.2013)

North Maduro Federal Unit #003H (09.11.2013)





# 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="#">CP 02067 POD1</a>		CP	LE	SW	SW	NW	20	19S	33E	622685.3	3612906.0	●	37	105		
<a href="#">CP 01967 POD1</a>		CP	LE	NE	NE	NE	24	19S	32E	620719.8	3613546.4	●	2065	110		
<a href="#">CP 02045 POD1</a>		CP	LE	SE	NE	NW	21	19S	33E	624766.4	3613339.4	●	2146	105		
<a href="#">CP 00805 POD1</a>		CP	LE		SW	NW	18	19S	33E	621057.0	3614563.0 *	●	2338	450		
<a href="#">CP 00810 POD1</a>		CP	LE		SW	SW	08	19S	33E	622675.0	3615385.0 *	●	2513	110		
<a href="#">CP 02048 POD1</a>		CP	LE	NW	SE	SE	25	19S	32E	620675.3	3610547.7	●	3063	55		
<a href="#">L 07023</a>		L	LE	NE	SW	SW	32	19S	33E	622840.0	3609047.0 *	●	3827	262	185	77

Average Depth to Water: **185 feet**

Minimum Depth: **185 feet**

Maximum Depth: **185 feet**

**Record Count:** 7

**UTM Filters (in meters):**

**Easting:** 622671.99

**Northing:** 3612871.30

**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.



# WELL RECORD & LOG

## OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](http://www.ose.state.nm.us)

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) Pod 1		WELL TAG ID NO.		OSE FILE NO(S). CP-2067		
	WELL OWNER NAME(S) Coterra Energy				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS 840 Gessner Rd. Ste. 1400				CITY Houston	STATE TX	ZIP 77024-4152
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE		MINUTES 38	SECONDS 49.07	N	
		LONGITUDE		103	41	30.87	W
* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84							
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS – PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Section 20 Township 19s Range 33e							

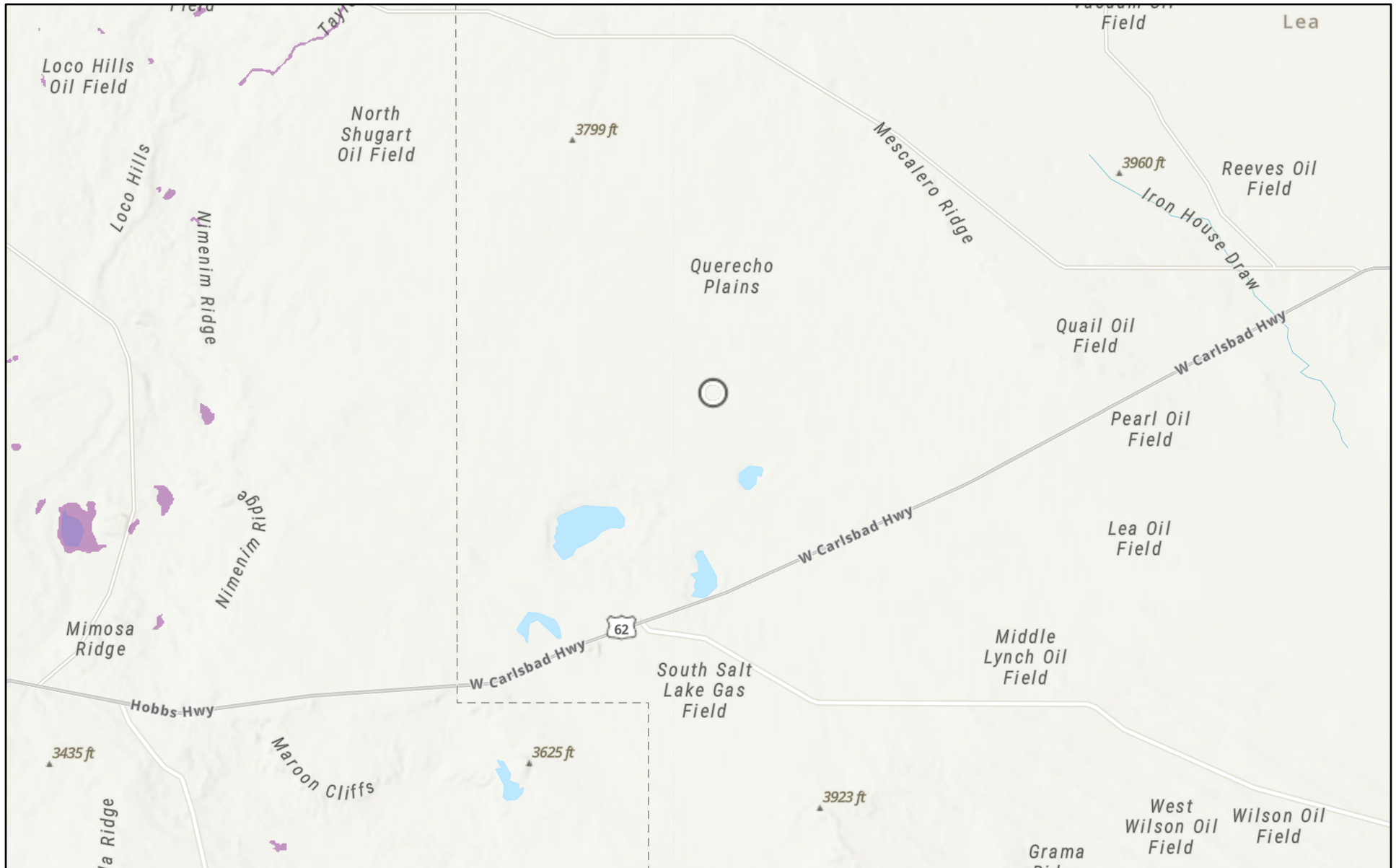
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1862		NAME OF LICENSED DRILLER James Hawley			NAME OF WELL DRILLING COMPANY H&R Enterprises, LLC		
	DRILLING STARTED 8-4-25	DRILLING ENDED 8-4-25	DEPTH OF COMPLETED WELL (FT) 105'	BORE HOLE DEPTH (FT) 105'	DEPTH WATER FIRST ENCOUNTERED (FT) N/A			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A		
	DRILLING FLUID: <input checked="" type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES – SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER – SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	110	6"	No casing left in hole				

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
				N/A		

FOR OSE INTERNAL USE			WR-20 WELL RECORD & LOG (Version 04/30/19)		
FILE NO. CP-2067	POD NO. POD1	TRN NO. 785923			
LOCATION 19S 33E 20 331	WELL TAG ID NO.	PAGE 1 OF 2			



# North Maduro Federal Unit #003H (09.11.2013)

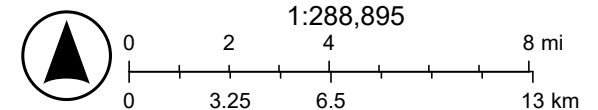


2/27/2026

USA Flood Hazard Areas

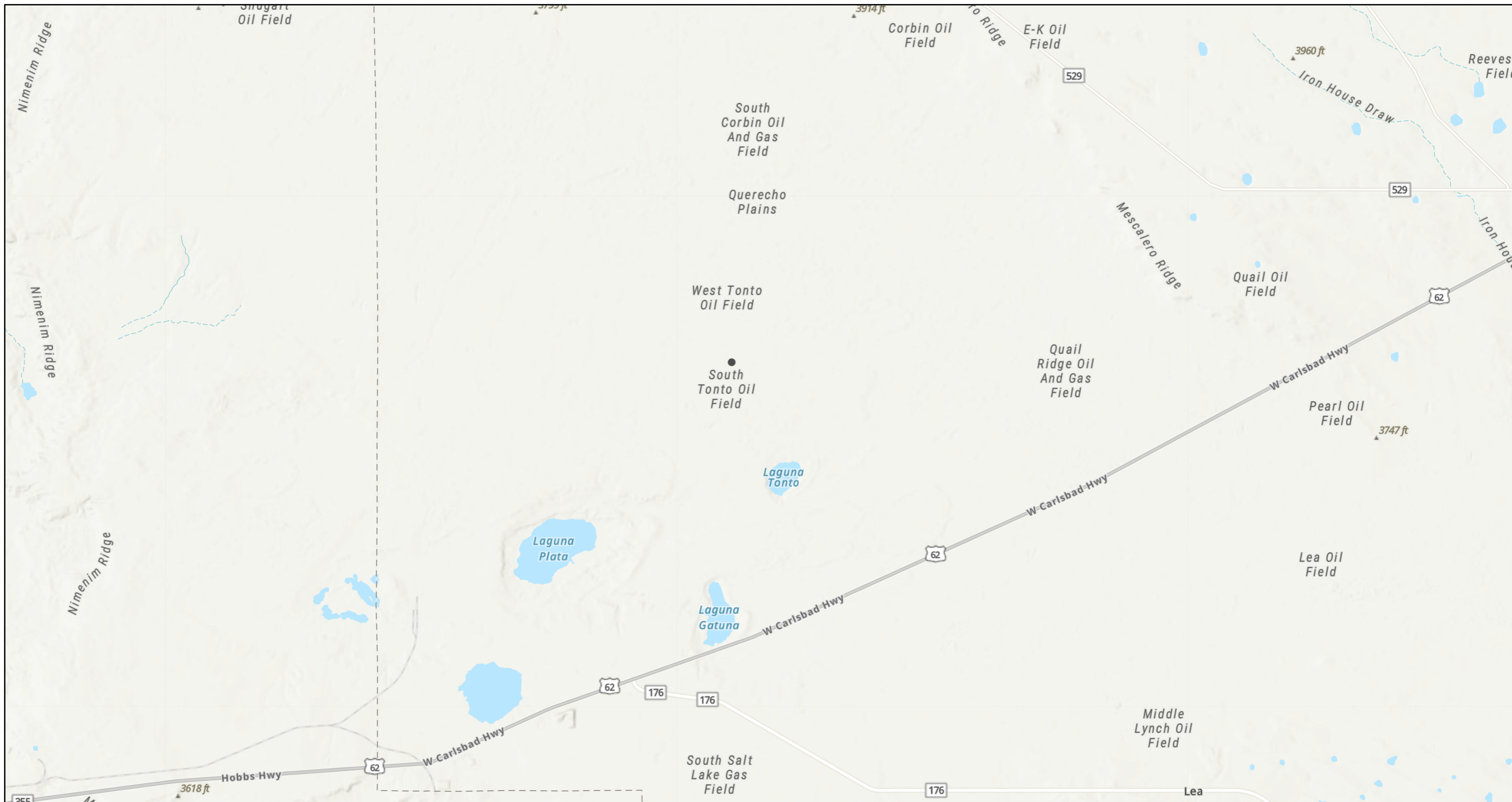
 1% Annual Chance Flood Hazard

World\_Hillshade



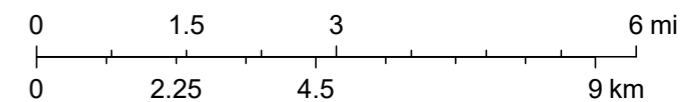
Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

# North Maduro Federal Unit #003H (09.11.2013)



2/27/2026, 8:16:53 AM

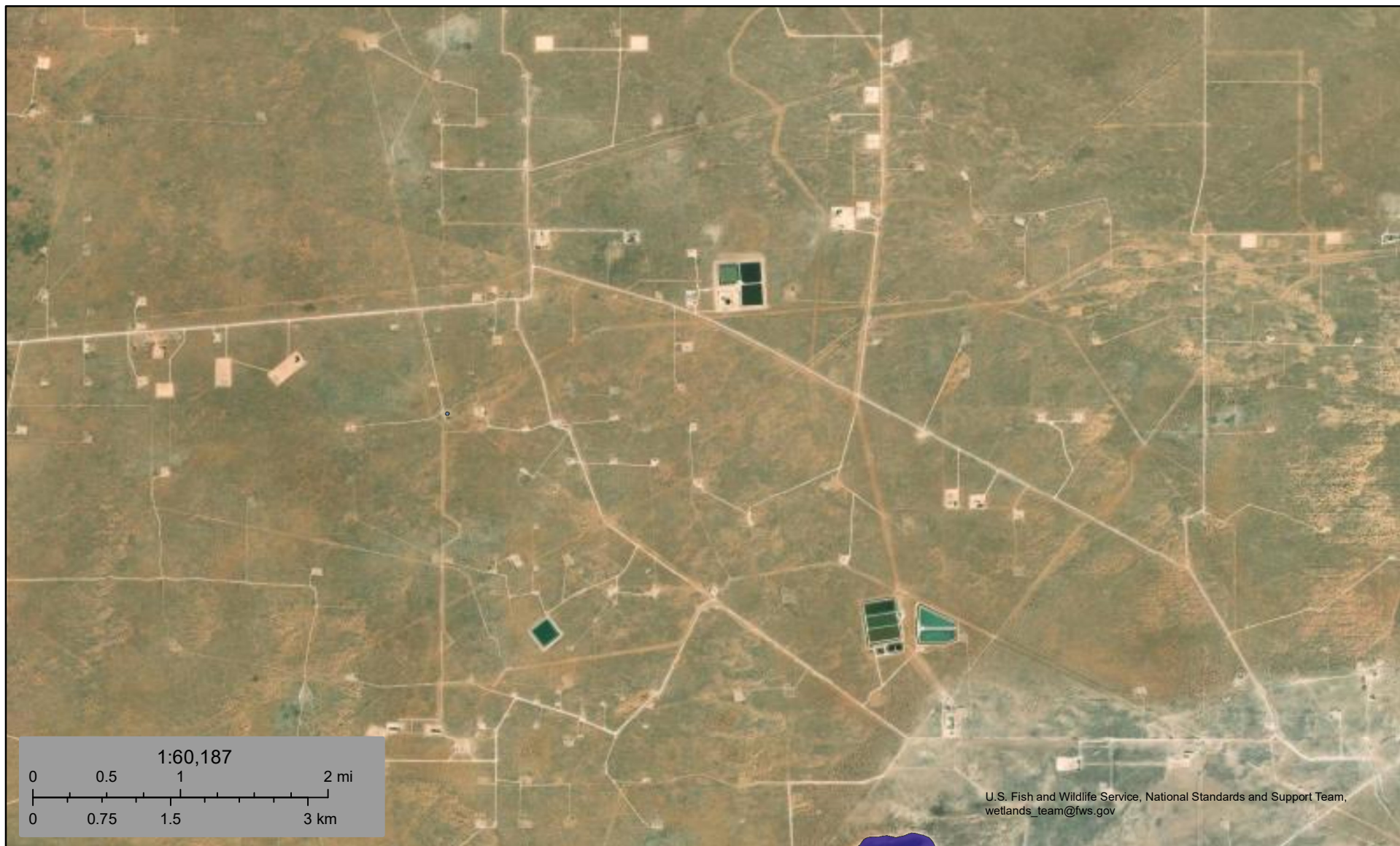
1:144,448



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

U.S. Fish and Wildlife Service  
**National Wetlands Inventory**

# North Maduro Federal Unit #003H (09.11.2)



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov

February 27, 2026

### Wetlands

- |                                                                                     |                                |                                                                                     |                                   |                                                                                       |          |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake     |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other    |
|                                                                                     |                                |  | Freshwater Pond                   |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# 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 3/13/2026 12:54:37 PM

## JOB DESCRIPTION

NORTH MADURO FEDERAL UNIT #003H  
 Lea County New Mexico

## JOB NUMBER

890-9608-1

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  
3/13/2026 12:54:37 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: NORTH MADURO FEDERAL UNIT #003H

Laboratory Job ID: 890-9608-1  
SDG: Lea County New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
SDG: Lea County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1

**Job ID: 890-9608-1**

**Eurofins Carlsbad**

### Job Narrative 890-9608-1

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 3/6/2026 10:16 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -7.6°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS - 1 (0.25') (890-9608-1), CS - 2 (0.25') (890-9608-2), CS - 3 (0.25') (890-9608-3), CS - 4 (0.25') (890-9608-4), CS - 5 (0.25') (890-9608-5), CS - 6 (0.25') (890-9608-6), CS - 7 (0.25') (890-9608-7), CS - 8 (0.25') (890-9608-8), CS - 9 (0.25') (890-9608-9), CS - 10 (0.25') (890-9608-10), CS - 11 (0.25') (890-9608-11), CS - 12 (0.25') (890-9608-12), CS - 13 (0.25') (890-9608-13), CS - 14 (0.25') (890-9608-14), CS - 15 (0.25') (890-9608-15), CS - 16 (0.25') (890-9608-16), CS - 17 (0.25') (890-9608-17), CS - 18 (0.25') (890-9608-18), CS - 19 (0.25') (890-9608-19), CS - 20 (0.25') (890-9608-20), CS - 21 (0.25') (890-9608-21), CS - 22 (0.25') (890-9608-22), CS - 23 (0.25') (890-9608-23), CS - 24 (0.25') (890-9608-24), CS - 25 (0.25') (890-9608-25), CS - 26 (0.25') (890-9608-26), CS - 27 (0.25') (890-9608-27), CS - 28 (0.25') (890-9608-28), CS - 29 (0.25') (890-9608-29) and CS - 30 (0.25') (890-9608-30).

### GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-134225 and analytical batch 880-134202 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-134375 and analytical batch 880-134202 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-134375 and analytical batch 880-134202 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 8015B NM: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-134165 and analytical batch 880-134693 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-134165 and analytical batch 880-134693 was outside control limits. Sample non-homogeneity is suspected.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 27 (0.25') (890-9608-27), CS - 28 (0.25') (890-9608-28), CS - 29 (0.25') (890-9608-29), CS - 30 (0.25') (890-9608-30), (LCS 880-134165/2-A) and (LCSD 880-134165/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS - 1 (0.25') (890-9608-1), CS - 2 (0.25') (890-9608-2), CS - 3 (0.25') (890-9608-3), CS - 4 (0.25') (890-9608-4), CS - 5 (0.25') (890-9608-5), CS - 6 (0.25')

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### Case Narrative

Client: Carmona Resources  
Project: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1

#### Job ID: 890-9608-1 (Continued)

**Eurofins Carlsbad**

(890-9608-6), CS - 7 (0.25') (890-9608-7), CS - 8 (0.25') (890-9608-8), CS - 9 (0.25') (890-9608-9), CS - 10 (0.25') (890-9608-10), CS - 11 (0.25') (890-9608-11), CS - 12 (0.25') (890-9608-12), CS - 13 (0.25') (890-9608-13), CS - 14 (0.25') (890-9608-14), CS - 15 (0.25') (890-9608-15), CS - 16 (0.25') (890-9608-16), CS - 17 (0.25') (890-9608-17), CS - 18 (0.25') (890-9608-18), CS - 19 (0.25') (890-9608-19), CS - 20 (0.25') (890-9608-20), CS - 21 (0.25') (890-9608-21), CS - 22 (0.25') (890-9608-22), CS - 23 (0.25') (890-9608-23) and CS - 24 (0.25') (890-9608-24). 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

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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 1 (0.25')**

**Lab Sample ID: 890-9608-1**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 13:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:30	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/09/26 13:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:30	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/09/26 13:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	03/09/26 11:23	03/09/26 13:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/09/26 11:23	03/09/26 13:30	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			03/09/26 13:30	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			03/12/26 23:58	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	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/12/26 23:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/12/26 23:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/12/26 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	45	S1-	70 - 130	03/08/26 19:39	03/12/26 23:58	1
o-Terphenyl (Surr)	102		70 - 130	03/08/26 19:39	03/12/26 23:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.5		10.0		mg/Kg			03/10/26 17:05	1

**Client Sample ID: CS - 2 (0.25')**

**Lab Sample ID: 890-9608-2**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 13:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/09/26 11:23	03/09/26 13:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/09/26 11:23	03/09/26 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/09/26 11:23	03/09/26 13:50	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/09/26 11:23	03/09/26 13:50	1

Eurofins Carlsbad

### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 2 (0.25')**

**Lab Sample ID: 890-9608-2**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/09/26 13:50	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			03/13/26 00:13	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		03/08/26 19:39	03/13/26 00:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/13/26 00:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/13/26 00:13	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)	48	S1-	70 - 130				03/08/26 19:39	03/13/26 00:13	1
o-Terphenyl (Surr)	105		70 - 130				03/08/26 19:39	03/13/26 00:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		10.1		mg/Kg			03/10/26 17:10	1

**Client Sample ID: CS - 3 (0.25')**

**Lab Sample ID: 890-9608-3**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 14:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 14:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 14:13	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/09/26 14:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 14:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/09/26 14:13	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				03/09/26 11:23	03/09/26 14:13	1
1,4-Difluorobenzene (Surr)	99		70 - 130				03/09/26 11:23	03/09/26 14:13	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			03/09/26 14:13	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			03/13/26 00:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 19:39	03/13/26 00:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 19:39	03/13/26 00:28	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 3 (0.25')**

**Lab Sample ID: 890-9608-3**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:39	03/13/26 00:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	48	S1-	70 - 130				03/08/26 19:39	03/13/26 00:28	1
o-Terphenyl (Surr)	106		70 - 130				03/08/26 19:39	03/13/26 00:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			03/10/26 17:15	1

**Client Sample ID: CS - 4 (0.25')**

**Lab Sample ID: 890-9608-4**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 14:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 14:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 14:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/09/26 14:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 14:34	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/09/26 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				03/09/26 11:23	03/09/26 14:34	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/09/26 11:23	03/09/26 14:34	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			03/09/26 14:34	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			03/13/26 00:43	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		03/08/26 19:39	03/13/26 00:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/13/26 00:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/13/26 00:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	42	S1-	70 - 130				03/08/26 19:39	03/13/26 00:43	1
o-Terphenyl (Surr)	95		70 - 130				03/08/26 19:39	03/13/26 00:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			03/10/26 17:20	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 5 (0.25')**

**Lab Sample ID: 890-9608-5**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 14:54	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/09/26 14:54	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/09/26 14:54	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/26 11:23	03/09/26 14:54	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/09/26 14:54	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/26 11:23	03/09/26 14:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/09/26 11:23	03/09/26 14:54	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/09/26 11:23	03/09/26 14:54	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			03/09/26 14:54	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			03/13/26 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	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 02:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 02:14	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	48	S1-	70 - 130	03/08/26 19:42	03/13/26 02:14	1
o-Terphenyl (Surr)	111		70 - 130	03/08/26 19:42	03/13/26 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			03/10/26 17:26	1

**Client Sample ID: CS - 6 (0.25')**

**Lab Sample ID: 890-9608-6**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 15:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 15:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 15:14	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 11:23	03/09/26 15:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 15:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 11:23	03/09/26 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/09/26 11:23	03/09/26 15:14	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/09/26 11:23	03/09/26 15:14	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 6 (0.25')**

**Lab Sample ID: 890-9608-6**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/09/26 15:14	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			03/13/26 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		03/08/26 19:42	03/13/26 02:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 02:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	49	S1-	70 - 130	03/08/26 19:42	03/13/26 02:59	1
o-Terphenyl (Surr)	108		70 - 130	03/08/26 19:42	03/13/26 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.4		10.0		mg/Kg			03/10/26 17:31	1

**Client Sample ID: CS - 7 (0.25')**

**Lab Sample ID: 890-9608-7**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 15:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 15:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 15:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/09/26 15:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 15:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/09/26 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	03/09/26 11:23	03/09/26 15:35	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/09/26 11:23	03/09/26 15:35	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			03/09/26 15:35	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			03/13/26 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		03/08/26 19:42	03/13/26 03:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 03:14	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 7 (0.25')**

**Lab Sample ID: 890-9608-7**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:42	03/13/26 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)	51	S1-	70 - 130				03/08/26 19:42	03/13/26 03:14	1
o-Terphenyl (Surr)	113		70 - 130				03/08/26 19:42	03/13/26 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.7		10.1		mg/Kg			03/10/26 17:36	1

**Client Sample ID: CS - 8 (0.25')**

**Lab Sample ID: 890-9608-8**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 15:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 15:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 15:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 11:23	03/09/26 15:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 15:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 11:23	03/09/26 15:56	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				03/09/26 11:23	03/09/26 15:56	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/09/26 11:23	03/09/26 15:56	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			03/09/26 15:56	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			03/13/26 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		03/08/26 19:42	03/13/26 03:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 03:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 03:29	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)	50	S1-	70 - 130				03/08/26 19:42	03/13/26 03:29	1
o-Terphenyl (Surr)	114		70 - 130				03/08/26 19:42	03/13/26 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			03/10/26 16:55	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 9 (0.25')**

**Lab Sample ID: 890-9608-9**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 16:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/09/26 16:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/09/26 16:16	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 11:23	03/09/26 16:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/09/26 16:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 11:23	03/09/26 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/09/26 11:23	03/09/26 16:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/09/26 11:23	03/09/26 16:16	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			03/09/26 16:16	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			03/13/26 03:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 03:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 03:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 03:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	50	S1-	70 - 130	03/08/26 19:42	03/13/26 03:44	1
o-Terphenyl (Surr)	112		70 - 130	03/08/26 19:42	03/13/26 03:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.0		9.98		mg/Kg			03/10/26 17:15	1

**Client Sample ID: CS - 10 (0.25')**

**Lab Sample ID: 890-9608-10**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 16:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 16:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 16:37	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		03/09/26 11:23	03/09/26 16:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 16:37	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		03/09/26 11:23	03/09/26 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/09/26 11:23	03/09/26 16:37	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/09/26 11:23	03/09/26 16:37	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 10 (0.25')**

**Lab Sample ID: 890-9608-10**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			03/09/26 16:37	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			03/13/26 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 04:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 04:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 04:00	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)	51	S1-	70 - 130				03/08/26 19:42	03/13/26 04:00	1
o-Terphenyl (Surr)	113		70 - 130				03/08/26 19:42	03/13/26 04:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.2		10.0		mg/Kg			03/10/26 17:21	1

**Client Sample ID: CS - 11 (0.25')**

**Lab Sample ID: 890-9608-11**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 22:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 22:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 22:09	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 11:23	03/09/26 22:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 22:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 11:23	03/09/26 22:09	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)	108		70 - 130				03/09/26 11:23	03/09/26 22:09	1
1,4-Difluorobenzene (Surr)	93		70 - 130				03/09/26 11:23	03/09/26 22:09	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			03/09/26 22:09	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			03/13/26 04:14	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	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 04:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/08/26 19:42	03/13/26 04:14	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 11 (0.25')**

**Lab Sample ID: 890-9608-11**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:42	03/13/26 04:14	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)	50	S1-	70 - 130				03/08/26 19:42	03/13/26 04:14	1
o-Terphenyl (Surr)	109		70 - 130				03/08/26 19:42	03/13/26 04:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		10.0		mg/Kg			03/10/26 17:28	1

**Client Sample ID: CS - 12 (0.25')**

**Lab Sample ID: 890-9608-12**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 22:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 22:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 22:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/09/26 22:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/09/26 22:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/09/26 22:29	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)	104		70 - 130				03/09/26 11:23	03/09/26 22:29	1
1,4-Difluorobenzene (Surr)	97		70 - 130				03/09/26 11:23	03/09/26 22:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/09/26 22:29	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			03/13/26 04:30	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		03/08/26 19:42	03/13/26 04:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 04:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 04:30	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	52	S1-	70 - 130				03/08/26 19:42	03/13/26 04:30	1
o-Terphenyl (Surr)	112		70 - 130				03/08/26 19:42	03/13/26 04:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.6		10.0		mg/Kg			03/10/26 17:35	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 13 (0.25')**

**Lab Sample ID: 890-9608-13**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 22:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/09/26 22:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/09/26 22:50	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 11:23	03/09/26 22:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/09/26 22:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 11:23	03/09/26 22:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	03/09/26 11:23	03/09/26 22:50	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/09/26 11:23	03/09/26 22:50	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			03/09/26 22:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/13/26 04:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 04:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 04:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 04:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	48	S1-	70 - 130	03/08/26 19:42	03/13/26 04:45	1
o-Terphenyl (Surr)	104		70 - 130	03/08/26 19:42	03/13/26 04:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	92.8		10.1		mg/Kg			03/10/26 17:55	1

**Client Sample ID: CS - 14 (0.25')**

**Lab Sample ID: 890-9608-14**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 23:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 23:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 23:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/09/26 23:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 23:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/09/26 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/09/26 11:23	03/09/26 23:10	1
1,4-Difluorobenzene (Surr)	95		70 - 130	03/09/26 11:23	03/09/26 23:10	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 14 (0.25')**

**Lab Sample ID: 890-9608-14**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/09/26 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.9		49.8		mg/Kg			03/13/26 05:01	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		03/08/26 19:42	03/13/26 05:01	1
Diesel Range Organics (Over C10-C28)	50.9		49.8		mg/Kg		03/08/26 19:42	03/13/26 05:01	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 19:42	03/13/26 05:01	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)	52	S1-	70 - 130				03/08/26 19:42	03/13/26 05:01	1
o-Terphenyl (Surr)	112		70 - 130				03/08/26 19:42	03/13/26 05:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.9		9.96		mg/Kg			03/10/26 18:02	1

**Client Sample ID: CS - 15 (0.25')**

**Lab Sample ID: 890-9608-15**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 23:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/09/26 23:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/09/26 23:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/26 11:23	03/09/26 23:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/09/26 23:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/26 11:23	03/09/26 23:31	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)	99		70 - 130				03/09/26 11:23	03/09/26 23:31	1
1,4-Difluorobenzene (Surr)	94		70 - 130				03/09/26 11:23	03/09/26 23:31	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			03/09/26 23:31	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			03/13/26 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 05:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 05:31	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 15 (0.25')**

**Lab Sample ID: 890-9608-15**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:42	03/13/26 05:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	50	S1-	70 - 130				03/08/26 19:42	03/13/26 05:31	1
o-Terphenyl (Surr)	105		70 - 130				03/08/26 19:42	03/13/26 05:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.3		9.98		mg/Kg			03/10/26 18:08	1

**Client Sample ID: CS - 16 (0.25')**

**Lab Sample ID: 890-9608-16**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/09/26 23:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 23:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 23:51	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 11:23	03/09/26 23:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 11:23	03/09/26 23:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 11:23	03/09/26 23:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				03/09/26 11:23	03/09/26 23:51	1
1,4-Difluorobenzene (Surr)	96		70 - 130				03/09/26 11:23	03/09/26 23:51	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			03/09/26 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/13/26 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 05:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 05:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	53	S1-	70 - 130				03/08/26 19:42	03/13/26 05:45	1
o-Terphenyl (Surr)	117		70 - 130				03/08/26 19:42	03/13/26 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			03/10/26 18:15	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 17 (0.25')**

**Lab Sample ID: 890-9608-17**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/10/26 00:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/10/26 00:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/10/26 00:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/10/26 00:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:23	03/10/26 00:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 11:23	03/10/26 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	03/09/26 11:23	03/10/26 00:12	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/09/26 11:23	03/10/26 00:12	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			03/10/26 00:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/13/26 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	<50.3	U	50.3		mg/Kg		03/08/26 19:42	03/13/26 06:00	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/08/26 19:42	03/13/26 06:00	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/08/26 19:42	03/13/26 06:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	48	S1-	70 - 130	03/08/26 19:42	03/13/26 06:00	1
o-Terphenyl (Surr)	107		70 - 130	03/08/26 19:42	03/13/26 06:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/10/26 18:22	1

**Client Sample ID: CS - 18 (0.25')**

**Lab Sample ID: 890-9608-18**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/10/26 00:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/10/26 00:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/10/26 00:32	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 11:23	03/10/26 00:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 11:23	03/10/26 00:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 11:23	03/10/26 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/09/26 11:23	03/10/26 00:32	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/09/26 11:23	03/10/26 00:32	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 18 (0.25')**

**Lab Sample ID: 890-9608-18**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/10/26 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/13/26 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/08/26 19:42	03/13/26 06:16	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/08/26 19:42	03/13/26 06:16	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/08/26 19:42	03/13/26 06:16	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	47	S1-	70 - 130				03/08/26 19:42	03/13/26 06:16	1
o-Terphenyl (Surr)	101		70 - 130				03/08/26 19:42	03/13/26 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			03/10/26 18:28	1

**Client Sample ID: CS - 19 (0.25')**

**Lab Sample ID: 890-9608-19**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/10/26 00:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/10/26 00:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/10/26 00:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/10/26 00:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/10/26 00:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 11:23	03/10/26 00:52	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)	97		70 - 130				03/09/26 11:23	03/10/26 00:52	1
1,4-Difluorobenzene (Surr)	92		70 - 130				03/09/26 11:23	03/10/26 00:52	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			03/10/26 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/13/26 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/08/26 19:42	03/13/26 06:31	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/08/26 19:42	03/13/26 06:31	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 19 (0.25')**

**Lab Sample ID: 890-9608-19**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:42	03/13/26 06:31	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)	50	S1-	70 - 130				03/08/26 19:42	03/13/26 06:31	1
o-Terphenyl (Surr)	109		70 - 130				03/08/26 19:42	03/13/26 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/10/26 18:48	1

**Client Sample ID: CS - 20 (0.25')**

**Lab Sample ID: 890-9608-20**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:23	03/10/26 01:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/10/26 01:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/10/26 01:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/26 11:23	03/10/26 01:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/26 11:23	03/10/26 01:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/26 11:23	03/10/26 01:13	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)	101		70 - 130				03/09/26 11:23	03/10/26 01:13	1
1,4-Difluorobenzene (Surr)	91		70 - 130				03/09/26 11:23	03/10/26 01:13	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			03/10/26 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/13/26 06:46	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	<50.4	U	50.4		mg/Kg		03/08/26 19:42	03/13/26 06:46	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/08/26 19:42	03/13/26 06:46	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/08/26 19:42	03/13/26 06:46	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)	52	S1-	70 - 130				03/08/26 19:42	03/13/26 06:46	1
o-Terphenyl (Surr)	110		70 - 130				03/08/26 19:42	03/13/26 06:46	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			03/10/26 18:55	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 21 (0.25')**

**Lab Sample ID: 890-9608-21**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 11:11	03/09/26 19:35	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:11	03/09/26 19:35	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:11	03/09/26 19:35	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 11:11	03/09/26 19:35	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 11:11	03/09/26 19:35	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 11:11	03/09/26 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	03/09/26 11:11	03/09/26 19:35	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/09/26 11:11	03/09/26 19:35	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			03/09/26 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/13/26 07:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		03/08/26 19:42	03/13/26 07:01	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/08/26 19:42	03/13/26 07:01	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		03/08/26 19:42	03/13/26 07:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	52	S1-	70 - 130	03/08/26 19:42	03/13/26 07:01	1
o-Terphenyl (Surr)	113		70 - 130	03/08/26 19:42	03/13/26 07:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	159		9.96		mg/Kg			03/10/26 19:15	1

**Client Sample ID: CS - 22 (0.25')**

**Lab Sample ID: 890-9608-22**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 02:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/26 21:03	03/10/26 02:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/26 21:03	03/10/26 02:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/26 21:03	03/10/26 02:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/26 21:03	03/10/26 02:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/26 21:03	03/10/26 02:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	03/09/26 21:03	03/10/26 02:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/09/26 21:03	03/10/26 02:18	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 22 (0.25')**

**Lab Sample ID: 890-9608-22**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/10/26 02:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/13/26 07:17	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		03/08/26 19:42	03/13/26 07:17	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/08/26 19:42	03/13/26 07:17	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/08/26 19:42	03/13/26 07:17	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)	50	S1-	70 - 130				03/08/26 19:42	03/13/26 07:17	1
o-Terphenyl (Surr)	110		70 - 130				03/08/26 19:42	03/13/26 07:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152		9.92		mg/Kg			03/10/26 19:22	1

**Client Sample ID: CS - 23 (0.25')**

**Lab Sample ID: 890-9608-23**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 02:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 21:03	03/10/26 02:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 21:03	03/10/26 02:38	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 21:03	03/10/26 02:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 21:03	03/10/26 02:38	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 21:03	03/10/26 02:38	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)	106		70 - 130				03/09/26 21:03	03/10/26 02:38	1
1,4-Difluorobenzene (Surr)	90		70 - 130				03/09/26 21:03	03/10/26 02:38	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			03/10/26 02:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			03/13/26 07:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		03/08/26 19:42	03/13/26 07:31	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		03/08/26 19:42	03/13/26 07:31	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 23 (0.25')**

**Lab Sample ID: 890-9608-23**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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)	<50.5	U	50.5		mg/Kg		03/08/26 19:42	03/13/26 07:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	47	S1-	70 - 130				03/08/26 19:42	03/13/26 07:31	1
o-Terphenyl (Surr)	104		70 - 130				03/08/26 19:42	03/13/26 07:31	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			03/10/26 19:29	1

**Client Sample ID: CS - 24 (0.25')**

**Lab Sample ID: 890-9608-24**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 02:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 21:03	03/10/26 02:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 21:03	03/10/26 02:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 21:03	03/10/26 02:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 21:03	03/10/26 02:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 21:03	03/10/26 02:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				03/09/26 21:03	03/10/26 02:59	1
1,4-Difluorobenzene (Surr)	89		70 - 130				03/09/26 21:03	03/10/26 02:59	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			03/10/26 02:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/13/26 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		03/08/26 19:42	03/13/26 07:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/08/26 19:42	03/13/26 07:46	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/08/26 19:42	03/13/26 07:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	50	S1-	70 - 130				03/08/26 19:42	03/13/26 07:46	1
o-Terphenyl (Surr)	111		70 - 130				03/08/26 19:42	03/13/26 07:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.7		9.94		mg/Kg			03/10/26 19:35	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 25 (0.25')**

**Lab Sample ID: 890-9608-25**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 03:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 03:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 03:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/09/26 21:03	03/10/26 03:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 03:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/09/26 21:03	03/10/26 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	03/09/26 21:03	03/10/26 03:19	1
1,4-Difluorobenzene (Surr)	89		70 - 130	03/09/26 21:03	03/10/26 03:19	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			03/10/26 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/13/26 03:17	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 F2	49.9		mg/Kg		03/08/26 19:46	03/13/26 03:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U *+	49.9		mg/Kg		03/08/26 19:46	03/13/26 03:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	03/08/26 19:46	03/13/26 03:17	1
o-Terphenyl (Surr)	121		70 - 130	03/08/26 19:46	03/13/26 03:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.0		10.0		mg/Kg			03/10/26 19:42	1

**Client Sample ID: CS - 26 (0.25')**

**Lab Sample ID: 890-9608-26**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 03:40	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/09/26 21:03	03/10/26 03:40	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/09/26 21:03	03/10/26 03:40	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/09/26 21:03	03/10/26 03:40	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/09/26 21:03	03/10/26 03:40	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/09/26 21:03	03/10/26 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	03/09/26 21:03	03/10/26 03:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/09/26 21:03	03/10/26 03:40	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 26 (0.25')**

**Lab Sample ID: 890-9608-26**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/10/26 03:40	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			03/13/26 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 04:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/08/26 19:46	03/13/26 04:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	03/08/26 19:46	03/13/26 04:15	1
o-Terphenyl (Surr)	122		70 - 130	03/08/26 19:46	03/13/26 04:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		10.0		mg/Kg			03/10/26 19:49	1

**Client Sample ID: CS - 27 (0.25')**

**Lab Sample ID: 890-9608-27**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 04:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 04:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 04:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 21:03	03/10/26 04:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 04:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 21:03	03/10/26 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	03/09/26 21:03	03/10/26 04:00	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/09/26 21:03	03/10/26 04:00	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			03/10/26 04:00	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			03/13/26 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 04:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/08/26 19:46	03/13/26 04:34	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 27 (0.25')**

**Lab Sample ID: 890-9608-27**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:46	03/13/26 04:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				03/08/26 19:46	03/13/26 04:34	1
o-Terphenyl (Surr)	132	S1+	70 - 130				03/08/26 19:46	03/13/26 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.9		10.0		mg/Kg			03/10/26 19:55	1

**Client Sample ID: CS - 28 (0.25')**

**Lab Sample ID: 890-9608-28**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 04:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/09/26 21:03	03/10/26 04:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/09/26 21:03	03/10/26 04:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/09/26 21:03	03/10/26 04:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/09/26 21:03	03/10/26 04:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/09/26 21:03	03/10/26 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				03/09/26 21:03	03/10/26 04:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130				03/09/26 21:03	03/10/26 04:21	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			03/10/26 04:21	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			03/13/26 04:55	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		03/08/26 19:46	03/13/26 04:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/08/26 19:46	03/13/26 04:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 04:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				03/08/26 19:46	03/13/26 04:55	1
o-Terphenyl (Surr)	144	S1+	70 - 130				03/08/26 19:46	03/13/26 04:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.7		10.0		mg/Kg			03/10/26 18:18	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 29 (0.25')**

**Lab Sample ID: 890-9608-29**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 04:41	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/09/26 21:03	03/10/26 04:41	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/09/26 21:03	03/10/26 04:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/09/26 21:03	03/10/26 04:41	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/09/26 21:03	03/10/26 04:41	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/09/26 21:03	03/10/26 04:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	03/09/26 21:03	03/10/26 04:41	1
1,4-Difluorobenzene (Surr)	94		70 - 130	03/09/26 21:03	03/10/26 04:41	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			03/10/26 04:41	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			03/13/26 05:13	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	<49.8	U	49.8		mg/Kg		03/08/26 19:46	03/13/26 05:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/08/26 19:46	03/13/26 05:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/08/26 19:46	03/13/26 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	03/08/26 19:46	03/13/26 05:13	1
o-Terphenyl (Surr)	135	S1+	70 - 130	03/08/26 19:46	03/13/26 05:13	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			03/10/26 18:34	1

**Client Sample ID: CS - 30 (0.25')**

**Lab Sample ID: 890-9608-30**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/09/26 21:03	03/10/26 05:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/09/26 21:03	03/10/26 05:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/09/26 21:03	03/10/26 05:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		03/09/26 21:03	03/10/26 05:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/09/26 21:03	03/10/26 05:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/09/26 21:03	03/10/26 05:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	03/09/26 21:03	03/10/26 05:02	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/09/26 21:03	03/10/26 05:02	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 30 (0.25')**

**Lab Sample ID: 890-9608-30**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/10/26 05:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/13/26 05:32	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		03/08/26 19:46	03/13/26 05:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U**	49.9		mg/Kg		03/08/26 19:46	03/13/26 05:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 05:32	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)	114		70 - 130				03/08/26 19:46	03/13/26 05:32	1
o-Terphenyl (Surr)	143	S1+	70 - 130				03/08/26 19:46	03/13/26 05:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	139		9.96		mg/Kg			03/10/26 18:39	1

### Surrogate Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 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)
880-69228-A-21-C MS	Matrix Spike	112	90
880-69228-A-21-D MSD	Matrix Spike Duplicate	109	100
890-9600-A-1-D MS	Matrix Spike	99	96
890-9600-A-1-E MSD	Matrix Spike Duplicate	98	108
890-9608-1	CS - 1 (0.25')	107	95
890-9608-1 MS	CS - 1 (0.25')	95	97
890-9608-1 MSD	CS - 1 (0.25')	96	99
890-9608-2	CS - 2 (0.25')	101	95
890-9608-3	CS - 3 (0.25')	98	99
890-9608-4	CS - 4 (0.25')	100	98
890-9608-5	CS - 5 (0.25')	100	97
890-9608-6	CS - 6 (0.25')	101	97
890-9608-7	CS - 7 (0.25')	96	95
890-9608-8	CS - 8 (0.25')	100	96
890-9608-9	CS - 9 (0.25')	101	96
890-9608-10	CS - 10 (0.25')	99	96
890-9608-11	CS - 11 (0.25')	108	93
890-9608-12	CS - 12 (0.25')	104	97
890-9608-13	CS - 13 (0.25')	98	96
890-9608-14	CS - 14 (0.25')	101	95
890-9608-15	CS - 15 (0.25')	99	94
890-9608-16	CS - 16 (0.25')	99	96
890-9608-17	CS - 17 (0.25')	102	96
890-9608-18	CS - 18 (0.25')	100	96
890-9608-19	CS - 19 (0.25')	97	92
890-9608-20	CS - 20 (0.25')	101	91
890-9608-21	CS - 21 (0.25')	113	93
890-9608-22	CS - 22 (0.25')	115	99
890-9608-23	CS - 23 (0.25')	106	90
890-9608-24	CS - 24 (0.25')	107	89
890-9608-25	CS - 25 (0.25')	100	89
890-9608-26	CS - 26 (0.25')	109	96
890-9608-27	CS - 27 (0.25')	122	98
890-9608-28	CS - 28 (0.25')	119	95
890-9608-29	CS - 29 (0.25')	120	94
890-9608-30	CS - 30 (0.25')	123	91
LCS 880-134225/1-A	Lab Control Sample	100	100
LCS 880-134234/1-A	Lab Control Sample	99	94
LCS 880-134375/1-A	Lab Control Sample	106	95
LCSD 880-134225/2-A	Lab Control Sample Dup	106	99
LCSD 880-134234/2-A	Lab Control Sample Dup	92	98
LCSD 880-134375/2-A	Lab Control Sample Dup	93	89
MB 880-134225/5-A	Method Blank	218 S1+	119
MB 880-134234/5-A	Method Blank	100	93
MB 880-134375/5-A	Method Blank	209 S1+	118

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

### Surrogate Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**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)
890-9603-A-1-B MS	Matrix Spike	49 S1-	115
890-9603-A-1-C MSD	Matrix Spike Duplicate	75	116
890-9608-1	CS - 1 (0.25')	45 S1-	102
890-9608-2	CS - 2 (0.25')	48 S1-	105
890-9608-3	CS - 3 (0.25')	48 S1-	106
890-9608-4	CS - 4 (0.25')	42 S1-	95
890-9608-5	CS - 5 (0.25')	48 S1-	111
890-9608-5 MS	CS - 5 (0.25')	48 S1-	109
890-9608-5 MSD	CS - 5 (0.25')	74	110
890-9608-6	CS - 6 (0.25')	49 S1-	108
890-9608-7	CS - 7 (0.25')	51 S1-	113
890-9608-8	CS - 8 (0.25')	50 S1-	114
890-9608-9	CS - 9 (0.25')	50 S1-	112
890-9608-10	CS - 10 (0.25')	51 S1-	113
890-9608-11	CS - 11 (0.25')	50 S1-	109
890-9608-12	CS - 12 (0.25')	52 S1-	112
890-9608-13	CS - 13 (0.25')	48 S1-	104
890-9608-14	CS - 14 (0.25')	52 S1-	112
890-9608-15	CS - 15 (0.25')	50 S1-	105
890-9608-16	CS - 16 (0.25')	53 S1-	117
890-9608-17	CS - 17 (0.25')	48 S1-	107
890-9608-18	CS - 18 (0.25')	47 S1-	101
890-9608-19	CS - 19 (0.25')	50 S1-	109
890-9608-20	CS - 20 (0.25')	52 S1-	110
890-9608-21	CS - 21 (0.25')	52 S1-	113
890-9608-22	CS - 22 (0.25')	50 S1-	110
890-9608-23	CS - 23 (0.25')	47 S1-	104
890-9608-24	CS - 24 (0.25')	50 S1-	111
890-9608-25	CS - 25 (0.25')	90	121
890-9608-25 MS	CS - 25 (0.25')	112	123
890-9608-25 MSD	CS - 25 (0.25')	92	104
890-9608-26	CS - 26 (0.25')	94	122
890-9608-27	CS - 27 (0.25')	100	132 S1+
890-9608-28	CS - 28 (0.25')	111	144 S1+
890-9608-29	CS - 29 (0.25')	104	135 S1+
890-9608-30	CS - 30 (0.25')	114	143 S1+
LCS 880-134163/2-A	Lab Control Sample	107	124
LCS 880-134164/2-A	Lab Control Sample	91	100
LCS 880-134165/2-A	Lab Control Sample	161 S1+	155 S1+
LCSD 880-134163/3-A	Lab Control Sample Dup	105	121
LCSD 880-134164/3-A	Lab Control Sample Dup	89	98
LCSD 880-134165/3-A	Lab Control Sample Dup	147 S1+	144 S1+
MB 880-134163/1-A	Method Blank	88	93
MB 880-134164/1-A	Method Blank	102	116
MB 880-134165/1-A	Method Blank	106	109

**Surrogate Legend**

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-134225/5-A  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 134225

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:11	03/09/26 13:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:11	03/09/26 13:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:11	03/09/26 13:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 11:11	03/09/26 13:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:11	03/09/26 13:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 11:11	03/09/26 13:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	218	S1+	70 - 130	03/09/26 11:11	03/09/26 13:40	1
1,4-Difluorobenzene (Surr)	119		70 - 130	03/09/26 11:11	03/09/26 13:40	1

Lab Sample ID: LCS 880-134225/1-A  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 134225

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09530		mg/Kg		95	70 - 130
Toluene	0.100	0.08318		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.07564		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	0.200	0.1887		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09635		mg/Kg		96	70 - 130

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

Lab Sample ID: LCSD 880-134225/2-A  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 134225

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09515		mg/Kg		95	70 - 130	0	35
Toluene	0.100	0.09346		mg/Kg		93	70 - 130	12	35
Ethylbenzene	0.100	0.08173		mg/Kg		82	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2115		mg/Kg		106	70 - 130	11	35
o-Xylene	0.100	0.1076		mg/Kg		108	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-69228-A-21-C MS  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 134225

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09307		mg/Kg		93	70 - 130
Toluene	<0.00200	U	0.100	0.08924		mg/Kg		89	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-69228-A-21-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134202

Prep Batch: 134225

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.08217		mg/Kg		82	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2085		mg/Kg		104	70 - 130
o-Xylene	<0.00200	U	0.100	0.1056		mg/Kg		106	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-69228-A-21-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134202

Prep Batch: 134225

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.1042		mg/Kg		104	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.08995		mg/Kg		90	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.07862		mg/Kg		79	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2147		mg/Kg		107	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1094		mg/Kg		109	70 - 130	4	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-134234/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134206

Prep Batch: 134234

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 11:23	03/09/26 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 11:23	03/09/26 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 11:23	03/09/26 13:08	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	100		70 - 130	03/09/26 11:23	03/09/26 13:08	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/09/26 11:23	03/09/26 13:08	1

Lab Sample ID: LCS 880-134234/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134206

Prep Batch: 134234

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.08525		mg/Kg		85	70 - 130
Toluene	0.100	0.09365		mg/Kg		94	70 - 130
Ethylbenzene	0.100	0.08549		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1750		mg/Kg		87	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-134234/1-A

Matrix: Solid

Analysis Batch: 134206

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 134234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08491		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-134234/2-A

Matrix: Solid

Analysis Batch: 134206

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 134234

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08659		mg/Kg		87	70 - 130	2	35
Toluene	0.100	0.09240		mg/Kg		92	70 - 130	1	35
Ethylbenzene	0.100	0.08151		mg/Kg		82	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1649		mg/Kg		82	70 - 130	6	35
o-Xylene	0.100	0.08068		mg/Kg		81	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 890-9608-1 MS

Matrix: Solid

Analysis Batch: 134206

Client Sample ID: CS - 1 (0.25')

Prep Type: Total/NA

Prep Batch: 134234

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08227		mg/Kg		82	70 - 130
Toluene	<0.00200	U	0.100	0.08746		mg/Kg		87	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07821		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1584		mg/Kg		79	70 - 130
o-Xylene	<0.00200	U	0.100	0.07742		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-9608-1 MSD

Matrix: Solid

Analysis Batch: 134206

Client Sample ID: CS - 1 (0.25')

Prep Type: Total/NA

Prep Batch: 134234

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08366		mg/Kg		84	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.08526		mg/Kg		85	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07422		mg/Kg		74	70 - 130	5	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1480		mg/Kg		74	70 - 130	7	35
o-Xylene	<0.00200	U	0.100	0.07247		mg/Kg		72	70 - 130	7	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9608-1 MSD**  
**Matrix: Solid**  
**Analysis Batch: 134206**

**Client Sample ID: CS - 1 (0.25')**  
**Prep Type: Total/NA**  
**Prep Batch: 134234**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

**Lab Sample ID: MB 880-134375/5-A**  
**Matrix: Solid**  
**Analysis Batch: 134202**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 134375**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 01:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 01:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 01:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/09/26 21:03	03/10/26 01:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/09/26 21:03	03/10/26 01:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/09/26 21:03	03/10/26 01:29	1

Surrogate	MB MB		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	209	S1+	70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Prepared	Analyzed	Dil Fac
03/09/26 21:03	03/10/26 01:29	1
03/09/26 21:03	03/10/26 01:29	1

**Lab Sample ID: LCS 880-134375/1-A**  
**Matrix: Solid**  
**Analysis Batch: 134202**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 134375**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1004		mg/Kg		100	70 - 130
Toluene	0.100	0.09169		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.09002		mg/Kg		90	70 - 130
m-Xylene & p-Xylene	0.200	0.1977		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09877		mg/Kg		99	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

**Lab Sample ID: LCSD 880-134375/2-A**  
**Matrix: Solid**  
**Analysis Batch: 134202**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 134375**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.09265		mg/Kg		93	70 - 130	8	35
Toluene	0.100	0.08893		mg/Kg		89	70 - 130	3	35
Ethylbenzene	0.100	0.07678		mg/Kg		77	70 - 130	16	35
m-Xylene & p-Xylene	0.200	0.1744		mg/Kg		87	70 - 130	13	35
o-Xylene	0.100	0.08886		mg/Kg		89	70 - 130	11	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-134375/2-A  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 134375

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 890-9600-A-1-D MS  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 134375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07843		mg/Kg		78	70 - 130
Toluene	<0.00200	U F1	0.100	0.06774	F1	mg/Kg		68	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06527	F1	mg/Kg		65	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1511		mg/Kg		76	70 - 130
o-Xylene	<0.00200	U	0.100	0.07618		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 890-9600-A-1-E MSD  
 Matrix: Solid  
 Analysis Batch: 134202

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 134375

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.08483		mg/Kg		85	70 - 130	8	35
Toluene	<0.00200	U F1	0.100	0.07027		mg/Kg		70	70 - 130	4	35
Ethylbenzene	<0.00200	U F1	0.100	0.06489	F1	mg/Kg		65	70 - 130	1	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1527		mg/Kg		76	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.07817		mg/Kg		78	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

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

Lab Sample ID: MB 880-134163/1-A  
 Matrix: Solid  
 Analysis Batch: 134658

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 134163

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		03/08/26 19:39	03/12/26 18:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/12/26 18:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:39	03/12/26 18:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130	03/08/26 19:39	03/12/26 18:23	1
o-Terphenyl (Surr)	93		70 - 130	03/08/26 19:39	03/12/26 18:23	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-134163/2-A**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 134163**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1056		mg/Kg		106	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1023		mg/Kg		102	70 - 130	
		<b>LCS</b>	<b>LCS</b>					
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>					
1-Chlorooctane (Surr)	107		70 - 130					
o-Terphenyl (Surr)	124		70 - 130					

**Lab Sample ID: LCSD 880-134163/3-A**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 134163**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1033		mg/Kg		103	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	978.7		mg/Kg		98	70 - 130	4	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane (Surr)	105		70 - 130							
o-Terphenyl (Surr)	121		70 - 130							

**Lab Sample ID: 890-9603-A-1-B MS**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 134163**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	995	939.8		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.2	U	995	885.9		mg/Kg		89	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane (Surr)	49	S1-	70 - 130							
o-Terphenyl (Surr)	115		70 - 130							

**Lab Sample ID: 890-9603-A-1-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 134163**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	995	955.6		mg/Kg		96	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	<50.2	U	995	858.3		mg/Kg		86	70 - 130	3	20	
		<b>MSD</b>	<b>MSD</b>									
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>									
1-Chlorooctane (Surr)	75		70 - 130									

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9603-A-1-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 134163**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	116		70 - 130

**Lab Sample ID: MB 880-134164/1-A**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 134164**

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		03/08/26 19:42	03/13/26 01:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 01:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:42	03/13/26 01:13	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	102		70 - 130	03/08/26 19:42	03/13/26 01:13	1
<i>o</i> -Terphenyl (Surr)	116		70 - 130	03/08/26 19:42	03/13/26 01:13	1

**Lab Sample ID: LCS 880-134164/2-A**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 134164**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	978.9		mg/Kg		98	70 - 130
Diesel Range Organics (Over C10-C28)	1000	891.8		mg/Kg		89	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	91		70 - 130
<i>o</i> -Terphenyl (Surr)	100		70 - 130

**Lab Sample ID: LCSD 880-134164/3-A**  
**Matrix: Solid**  
**Analysis Batch: 134658**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 134164**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	956.5		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	863.5		mg/Kg		86	70 - 130	3	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	89		70 - 130
<i>o</i> -Terphenyl (Surr)	98		70 - 130

### QC Sample Results

Client: Carmona Resources  
Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9608-5 MS  
Matrix: Solid  
Analysis Batch: 134658

Client Sample ID: CS - 5 (0.25')  
Prep Type: Total/NA  
Prep Batch: 134164

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier	Added	Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	895.5		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<49.8	U	998	839.4		mg/Kg		84	70 - 130
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	48	S1-	70 - 130						
o-Terphenyl (Surr)	109		70 - 130						

Lab Sample ID: 890-9608-5 MSD  
Matrix: Solid  
Analysis Batch: 134658

Client Sample ID: CS - 5 (0.25')  
Prep Type: Total/NA  
Prep Batch: 134164

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	933.6		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.8	U	998	801.0		mg/Kg		80	70 - 130	5	20
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	74		70 - 130								
o-Terphenyl (Surr)	110		70 - 130								

Lab Sample ID: MB 880-134165/1-A  
Matrix: Solid  
Analysis Batch: 134693

Client Sample ID: Method Blank  
Prep Type: Total/NA  
Prep Batch: 134165

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		03/08/26 19:46	03/13/26 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				03/08/26 19:46	03/13/26 02:18	1
o-Terphenyl (Surr)	109		70 - 130				03/08/26 19:46	03/13/26 02:18	1

Lab Sample ID: LCS 880-134165/2-A  
Matrix: Solid  
Analysis Batch: 134693

Client Sample ID: Lab Control Sample  
Prep Type: Total/NA  
Prep Batch: 134165

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1241		mg/Kg		124	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-134165/2-A**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	161	S1+	70 - 130
o-Terphenyl (Surr)	155	S1+	70 - 130

**Lab Sample ID: LCSD 880-134165/3-A**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1042		mg/Kg		104	70 - 130	16		20
Diesel Range Organics (Over C10-C28)	1000	1352	*+	mg/Kg		135	70 - 130	9		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	147	S1+	70 - 130
o-Terphenyl (Surr)	144	S1+	70 - 130

**Lab Sample ID: 890-9608-25 MS**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: CS - 25 (0.25')**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1202		mg/Kg		120	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	911.8		mg/Kg		91	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	123		70 - 130

**Lab Sample ID: 890-9608-25 MSD**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: CS - 25 (0.25')**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	877.7	F2	mg/Kg		88	70 - 130	31
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	780.8		mg/Kg		78	70 - 130	15

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	104		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-134343/1-A  
 Matrix: Solid  
 Analysis Batch: 134421

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			03/10/26 14:42	1

Lab Sample ID: LCS 880-134343/2-A  
 Matrix: Solid  
 Analysis Batch: 134421

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	252.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-134343/3-A  
 Matrix: Solid  
 Analysis Batch: 134421

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	248.3		mg/Kg		99	90 - 110	2	20

Lab Sample ID: 890-9606-A-5-C MS  
 Matrix: Solid  
 Analysis Batch: 134421

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	21.0		249	267.4		mg/Kg		99	90 - 110

Lab Sample ID: 890-9606-A-5-D MSD  
 Matrix: Solid  
 Analysis Batch: 134421

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	21.0		249	267.4		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-134346/1-A  
 Matrix: Solid  
 Analysis Batch: 134431

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			03/10/26 16:35	1

Lab Sample ID: LCS 880-134346/2-A  
 Matrix: Solid  
 Analysis Batch: 134431

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.0		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-134346/3-A  
 Matrix: Solid  
 Analysis Batch: 134431

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	246.8		mg/Kg		99	90 - 110	1	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9608-8 MS**  
**Matrix: Solid**  
**Analysis Batch: 134431**

**Client Sample ID: CS - 8 (0.25')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.92	U	248	249.9		mg/Kg		99	90 - 110

**Lab Sample ID: 890-9608-8 MSD**  
**Matrix: Solid**  
**Analysis Batch: 134431**

**Client Sample ID: CS - 8 (0.25')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.92	U	248	252.9		mg/Kg		100	90 - 110	1	20

**Lab Sample ID: 890-9608-18 MS**  
**Matrix: Solid**  
**Analysis Batch: 134431**

**Client Sample ID: CS - 18 (0.25')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.94	U	249	254.2		mg/Kg		100	90 - 110

**Lab Sample ID: 890-9608-18 MSD**  
**Matrix: Solid**  
**Analysis Batch: 134431**

**Client Sample ID: CS - 18 (0.25')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.94	U	249	243.4		mg/Kg		95	90 - 110	4	20

**Lab Sample ID: MB 880-134347/1-A**  
**Matrix: Solid**  
**Analysis Batch: 134439**

**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			03/10/26 18:02	1

**Lab Sample ID: LCS 880-134347/2-A**  
**Matrix: Solid**  
**Analysis Batch: 134439**

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.3		mg/Kg		100	90 - 110

**Lab Sample ID: LCSD 880-134347/3-A**  
**Matrix: Solid**  
**Analysis Batch: 134439**

**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	249.4		mg/Kg		100	90 - 110	0	20

**Lab Sample ID: 890-9608-28 MS**  
**Matrix: Solid**  
**Analysis Batch: 134439**

**Client Sample ID: CS - 28 (0.25')**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.7		251	259.9		mg/Kg		100	90 - 110

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### QC Sample Results

Client: Carmona Resources  
Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
SDG: Lea County New Mexico

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

Lab Sample ID: 890-9608-28 MSD  
Matrix: Solid  
Analysis Batch: 134439

Client Sample ID: CS - 28 (0.25')  
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.7		251	260.2		mg/Kg		100	90 - 110	0	20

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

## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

## GC VOA

## Analysis Batch: 134202

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-21	CS - 21 (0.25')	Total/NA	Solid	8021B	134225
890-9608-22	CS - 22 (0.25')	Total/NA	Solid	8021B	134375
890-9608-23	CS - 23 (0.25')	Total/NA	Solid	8021B	134375
890-9608-24	CS - 24 (0.25')	Total/NA	Solid	8021B	134375
890-9608-25	CS - 25 (0.25')	Total/NA	Solid	8021B	134375
890-9608-26	CS - 26 (0.25')	Total/NA	Solid	8021B	134375
890-9608-27	CS - 27 (0.25')	Total/NA	Solid	8021B	134375
890-9608-28	CS - 28 (0.25')	Total/NA	Solid	8021B	134375
890-9608-29	CS - 29 (0.25')	Total/NA	Solid	8021B	134375
890-9608-30	CS - 30 (0.25')	Total/NA	Solid	8021B	134375
MB 880-134225/5-A	Method Blank	Total/NA	Solid	8021B	134225
MB 880-134375/5-A	Method Blank	Total/NA	Solid	8021B	134375
LCS 880-134225/1-A	Lab Control Sample	Total/NA	Solid	8021B	134225
LCS 880-134375/1-A	Lab Control Sample	Total/NA	Solid	8021B	134375
LCSD 880-134225/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134225
LCSD 880-134375/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134375
880-69228-A-21-C MS	Matrix Spike	Total/NA	Solid	8021B	134225
880-69228-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134225
890-9600-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	134375
890-9600-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134375

## Analysis Batch: 134206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Total/NA	Solid	8021B	134234
890-9608-2	CS - 2 (0.25')	Total/NA	Solid	8021B	134234
890-9608-3	CS - 3 (0.25')	Total/NA	Solid	8021B	134234
890-9608-4	CS - 4 (0.25')	Total/NA	Solid	8021B	134234
890-9608-5	CS - 5 (0.25')	Total/NA	Solid	8021B	134234
890-9608-6	CS - 6 (0.25')	Total/NA	Solid	8021B	134234
890-9608-7	CS - 7 (0.25')	Total/NA	Solid	8021B	134234
890-9608-8	CS - 8 (0.25')	Total/NA	Solid	8021B	134234
890-9608-9	CS - 9 (0.25')	Total/NA	Solid	8021B	134234
890-9608-10	CS - 10 (0.25')	Total/NA	Solid	8021B	134234
890-9608-11	CS - 11 (0.25')	Total/NA	Solid	8021B	134234
890-9608-12	CS - 12 (0.25')	Total/NA	Solid	8021B	134234
890-9608-13	CS - 13 (0.25')	Total/NA	Solid	8021B	134234
890-9608-14	CS - 14 (0.25')	Total/NA	Solid	8021B	134234
890-9608-15	CS - 15 (0.25')	Total/NA	Solid	8021B	134234
890-9608-16	CS - 16 (0.25')	Total/NA	Solid	8021B	134234
890-9608-17	CS - 17 (0.25')	Total/NA	Solid	8021B	134234
890-9608-18	CS - 18 (0.25')	Total/NA	Solid	8021B	134234
890-9608-19	CS - 19 (0.25')	Total/NA	Solid	8021B	134234
890-9608-20	CS - 20 (0.25')	Total/NA	Solid	8021B	134234
MB 880-134234/5-A	Method Blank	Total/NA	Solid	8021B	134234
LCS 880-134234/1-A	Lab Control Sample	Total/NA	Solid	8021B	134234
LCSD 880-134234/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134234
890-9608-1 MS	CS - 1 (0.25')	Total/NA	Solid	8021B	134234
890-9608-1 MSD	CS - 1 (0.25')	Total/NA	Solid	8021B	134234

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

#### GC VOA

##### Prep Batch: 134225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-21	CS - 21 (0.25')	Total/NA	Solid	5035	
MB 880-134225/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134225/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134225/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69228-A-21-C MS	Matrix Spike	Total/NA	Solid	5035	
880-69228-A-21-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

##### Prep Batch: 134234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Total/NA	Solid	5035	
890-9608-2	CS - 2 (0.25')	Total/NA	Solid	5035	
890-9608-3	CS - 3 (0.25')	Total/NA	Solid	5035	
890-9608-4	CS - 4 (0.25')	Total/NA	Solid	5035	
890-9608-5	CS - 5 (0.25')	Total/NA	Solid	5035	
890-9608-6	CS - 6 (0.25')	Total/NA	Solid	5035	
890-9608-7	CS - 7 (0.25')	Total/NA	Solid	5035	
890-9608-8	CS - 8 (0.25')	Total/NA	Solid	5035	
890-9608-9	CS - 9 (0.25')	Total/NA	Solid	5035	
890-9608-10	CS - 10 (0.25')	Total/NA	Solid	5035	
890-9608-11	CS - 11 (0.25')	Total/NA	Solid	5035	
890-9608-12	CS - 12 (0.25')	Total/NA	Solid	5035	
890-9608-13	CS - 13 (0.25')	Total/NA	Solid	5035	
890-9608-14	CS - 14 (0.25')	Total/NA	Solid	5035	
890-9608-15	CS - 15 (0.25')	Total/NA	Solid	5035	
890-9608-16	CS - 16 (0.25')	Total/NA	Solid	5035	
890-9608-17	CS - 17 (0.25')	Total/NA	Solid	5035	
890-9608-18	CS - 18 (0.25')	Total/NA	Solid	5035	
890-9608-19	CS - 19 (0.25')	Total/NA	Solid	5035	
890-9608-20	CS - 20 (0.25')	Total/NA	Solid	5035	
MB 880-134234/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134234/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134234/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9608-1 MS	CS - 1 (0.25')	Total/NA	Solid	5035	
890-9608-1 MSD	CS - 1 (0.25')	Total/NA	Solid	5035	

##### Prep Batch: 134375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-22	CS - 22 (0.25')	Total/NA	Solid	5035	
890-9608-23	CS - 23 (0.25')	Total/NA	Solid	5035	
890-9608-24	CS - 24 (0.25')	Total/NA	Solid	5035	
890-9608-25	CS - 25 (0.25')	Total/NA	Solid	5035	
890-9608-26	CS - 26 (0.25')	Total/NA	Solid	5035	
890-9608-27	CS - 27 (0.25')	Total/NA	Solid	5035	
890-9608-28	CS - 28 (0.25')	Total/NA	Solid	5035	
890-9608-29	CS - 29 (0.25')	Total/NA	Solid	5035	
890-9608-30	CS - 30 (0.25')	Total/NA	Solid	5035	
MB 880-134375/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134375/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134375/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-9600-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
890-9600-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

#### GC VOA

##### Analysis Batch: 134484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-2	CS - 2 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-3	CS - 3 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-4	CS - 4 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-5	CS - 5 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-6	CS - 6 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-7	CS - 7 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-8	CS - 8 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-9	CS - 9 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-10	CS - 10 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-11	CS - 11 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-12	CS - 12 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-13	CS - 13 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-14	CS - 14 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-15	CS - 15 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-16	CS - 16 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-17	CS - 17 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-18	CS - 18 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-19	CS - 19 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-20	CS - 20 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-21	CS - 21 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-22	CS - 22 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-23	CS - 23 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-24	CS - 24 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-25	CS - 25 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-26	CS - 26 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-27	CS - 27 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-28	CS - 28 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-29	CS - 29 (0.25')	Total/NA	Solid	Total BTEX	
890-9608-30	CS - 30 (0.25')	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

##### Prep Batch: 134163

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-2	CS - 2 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-3	CS - 3 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-4	CS - 4 (0.25')	Total/NA	Solid	8015NM Prep	
MB 880-134163/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134163/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134163/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9603-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9603-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 134164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-5	CS - 5 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-6	CS - 6 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-7	CS - 7 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-8	CS - 8 (0.25')	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Prep Batch: 134164 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-9	CS - 9 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-10	CS - 10 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-11	CS - 11 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-12	CS - 12 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-13	CS - 13 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-14	CS - 14 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-15	CS - 15 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-16	CS - 16 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-17	CS - 17 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-18	CS - 18 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-19	CS - 19 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-20	CS - 20 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-21	CS - 21 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-22	CS - 22 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-23	CS - 23 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-24	CS - 24 (0.25')	Total/NA	Solid	8015NM Prep	
MB 880-134164/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134164/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134164/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9608-5 MS	CS - 5 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-5 MSD	CS - 5 (0.25')	Total/NA	Solid	8015NM Prep	

## Prep Batch: 134165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-25	CS - 25 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-26	CS - 26 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-27	CS - 27 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-28	CS - 28 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-29	CS - 29 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-30	CS - 30 (0.25')	Total/NA	Solid	8015NM Prep	
MB 880-134165/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134165/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9608-25 MS	CS - 25 (0.25')	Total/NA	Solid	8015NM Prep	
890-9608-25 MSD	CS - 25 (0.25')	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 134658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Total/NA	Solid	8015B NM	134163
890-9608-2	CS - 2 (0.25')	Total/NA	Solid	8015B NM	134163
890-9608-3	CS - 3 (0.25')	Total/NA	Solid	8015B NM	134163
890-9608-4	CS - 4 (0.25')	Total/NA	Solid	8015B NM	134163
890-9608-5	CS - 5 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-6	CS - 6 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-7	CS - 7 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-8	CS - 8 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-9	CS - 9 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-10	CS - 10 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-11	CS - 11 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-12	CS - 12 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-13	CS - 13 (0.25')	Total/NA	Solid	8015B NM	134164

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 134658 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-14	CS - 14 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-15	CS - 15 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-16	CS - 16 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-17	CS - 17 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-18	CS - 18 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-19	CS - 19 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-20	CS - 20 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-21	CS - 21 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-22	CS - 22 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-23	CS - 23 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-24	CS - 24 (0.25')	Total/NA	Solid	8015B NM	134164
MB 880-134163/1-A	Method Blank	Total/NA	Solid	8015B NM	134163
MB 880-134164/1-A	Method Blank	Total/NA	Solid	8015B NM	134164
LCS 880-134163/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134163
LCS 880-134164/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134164
LCSD 880-134163/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134163
LCSD 880-134164/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134164
890-9603-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134163
890-9603-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134163
890-9608-5 MS	CS - 5 (0.25')	Total/NA	Solid	8015B NM	134164
890-9608-5 MSD	CS - 5 (0.25')	Total/NA	Solid	8015B NM	134164

## Analysis Batch: 134693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-25	CS - 25 (0.25')	Total/NA	Solid	8015B NM	134165
890-9608-26	CS - 26 (0.25')	Total/NA	Solid	8015B NM	134165
890-9608-27	CS - 27 (0.25')	Total/NA	Solid	8015B NM	134165
890-9608-28	CS - 28 (0.25')	Total/NA	Solid	8015B NM	134165
890-9608-29	CS - 29 (0.25')	Total/NA	Solid	8015B NM	134165
890-9608-30	CS - 30 (0.25')	Total/NA	Solid	8015B NM	134165
MB 880-134165/1-A	Method Blank	Total/NA	Solid	8015B NM	134165
LCS 880-134165/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134165
LCSD 880-134165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134165
890-9608-25 MS	CS - 25 (0.25')	Total/NA	Solid	8015B NM	134165
890-9608-25 MSD	CS - 25 (0.25')	Total/NA	Solid	8015B NM	134165

## Analysis Batch: 134751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Total/NA	Solid	8015 NM	
890-9608-2	CS - 2 (0.25')	Total/NA	Solid	8015 NM	
890-9608-3	CS - 3 (0.25')	Total/NA	Solid	8015 NM	
890-9608-4	CS - 4 (0.25')	Total/NA	Solid	8015 NM	
890-9608-5	CS - 5 (0.25')	Total/NA	Solid	8015 NM	
890-9608-6	CS - 6 (0.25')	Total/NA	Solid	8015 NM	
890-9608-7	CS - 7 (0.25')	Total/NA	Solid	8015 NM	
890-9608-8	CS - 8 (0.25')	Total/NA	Solid	8015 NM	
890-9608-9	CS - 9 (0.25')	Total/NA	Solid	8015 NM	
890-9608-10	CS - 10 (0.25')	Total/NA	Solid	8015 NM	
890-9608-11	CS - 11 (0.25')	Total/NA	Solid	8015 NM	
890-9608-12	CS - 12 (0.25')	Total/NA	Solid	8015 NM	
890-9608-13	CS - 13 (0.25')	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 134751 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-14	CS - 14 (0.25')	Total/NA	Solid	8015 NM	
890-9608-15	CS - 15 (0.25')	Total/NA	Solid	8015 NM	
890-9608-16	CS - 16 (0.25')	Total/NA	Solid	8015 NM	
890-9608-17	CS - 17 (0.25')	Total/NA	Solid	8015 NM	
890-9608-18	CS - 18 (0.25')	Total/NA	Solid	8015 NM	
890-9608-19	CS - 19 (0.25')	Total/NA	Solid	8015 NM	
890-9608-20	CS - 20 (0.25')	Total/NA	Solid	8015 NM	
890-9608-21	CS - 21 (0.25')	Total/NA	Solid	8015 NM	
890-9608-22	CS - 22 (0.25')	Total/NA	Solid	8015 NM	
890-9608-23	CS - 23 (0.25')	Total/NA	Solid	8015 NM	
890-9608-24	CS - 24 (0.25')	Total/NA	Solid	8015 NM	
890-9608-25	CS - 25 (0.25')	Total/NA	Solid	8015 NM	
890-9608-26	CS - 26 (0.25')	Total/NA	Solid	8015 NM	
890-9608-27	CS - 27 (0.25')	Total/NA	Solid	8015 NM	
890-9608-28	CS - 28 (0.25')	Total/NA	Solid	8015 NM	
890-9608-29	CS - 29 (0.25')	Total/NA	Solid	8015 NM	
890-9608-30	CS - 30 (0.25')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 134343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Soluble	Solid	DI Leach	
890-9608-2	CS - 2 (0.25')	Soluble	Solid	DI Leach	
890-9608-3	CS - 3 (0.25')	Soluble	Solid	DI Leach	
890-9608-4	CS - 4 (0.25')	Soluble	Solid	DI Leach	
890-9608-5	CS - 5 (0.25')	Soluble	Solid	DI Leach	
890-9608-6	CS - 6 (0.25')	Soluble	Solid	DI Leach	
890-9608-7	CS - 7 (0.25')	Soluble	Solid	DI Leach	
MB 880-134343/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134343/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-134343/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9606-A-5-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9606-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Leach Batch: 134346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-8	CS - 8 (0.25')	Soluble	Solid	DI Leach	
890-9608-9	CS - 9 (0.25')	Soluble	Solid	DI Leach	
890-9608-10	CS - 10 (0.25')	Soluble	Solid	DI Leach	
890-9608-11	CS - 11 (0.25')	Soluble	Solid	DI Leach	
890-9608-12	CS - 12 (0.25')	Soluble	Solid	DI Leach	
890-9608-13	CS - 13 (0.25')	Soluble	Solid	DI Leach	
890-9608-14	CS - 14 (0.25')	Soluble	Solid	DI Leach	
890-9608-15	CS - 15 (0.25')	Soluble	Solid	DI Leach	
890-9608-16	CS - 16 (0.25')	Soluble	Solid	DI Leach	
890-9608-17	CS - 17 (0.25')	Soluble	Solid	DI Leach	
890-9608-18	CS - 18 (0.25')	Soluble	Solid	DI Leach	
890-9608-19	CS - 19 (0.25')	Soluble	Solid	DI Leach	
890-9608-20	CS - 20 (0.25')	Soluble	Solid	DI Leach	
890-9608-21	CS - 21 (0.25')	Soluble	Solid	DI Leach	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

## HPLC/IC (Continued)

## Leach Batch: 134346 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-22	CS - 22 (0.25')	Soluble	Solid	DI Leach	
890-9608-23	CS - 23 (0.25')	Soluble	Solid	DI Leach	
890-9608-24	CS - 24 (0.25')	Soluble	Solid	DI Leach	
890-9608-25	CS - 25 (0.25')	Soluble	Solid	DI Leach	
890-9608-26	CS - 26 (0.25')	Soluble	Solid	DI Leach	
890-9608-27	CS - 27 (0.25')	Soluble	Solid	DI Leach	
MB 880-134346/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134346/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134346/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9608-8 MS	CS - 8 (0.25')	Soluble	Solid	DI Leach	
890-9608-8 MSD	CS - 8 (0.25')	Soluble	Solid	DI Leach	
890-9608-18 MS	CS - 18 (0.25')	Soluble	Solid	DI Leach	
890-9608-18 MSD	CS - 18 (0.25')	Soluble	Solid	DI Leach	

## Leach Batch: 134347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-28	CS - 28 (0.25')	Soluble	Solid	DI Leach	
890-9608-29	CS - 29 (0.25')	Soluble	Solid	DI Leach	
890-9608-30	CS - 30 (0.25')	Soluble	Solid	DI Leach	
MB 880-134347/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134347/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134347/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9608-28 MS	CS - 28 (0.25')	Soluble	Solid	DI Leach	
890-9608-28 MSD	CS - 28 (0.25')	Soluble	Solid	DI Leach	

## Analysis Batch: 134421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-1	CS - 1 (0.25')	Soluble	Solid	300.0	134343
890-9608-2	CS - 2 (0.25')	Soluble	Solid	300.0	134343
890-9608-3	CS - 3 (0.25')	Soluble	Solid	300.0	134343
890-9608-4	CS - 4 (0.25')	Soluble	Solid	300.0	134343
890-9608-5	CS - 5 (0.25')	Soluble	Solid	300.0	134343
890-9608-6	CS - 6 (0.25')	Soluble	Solid	300.0	134343
890-9608-7	CS - 7 (0.25')	Soluble	Solid	300.0	134343
MB 880-134343/1-A	Method Blank	Soluble	Solid	300.0	134343
LCS 880-134343/2-A	Lab Control Sample	Soluble	Solid	300.0	134343
LCSD 880-134343/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134343
890-9606-A-5-C MS	Matrix Spike	Soluble	Solid	300.0	134343
890-9606-A-5-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134343

## Analysis Batch: 134431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-8	CS - 8 (0.25')	Soluble	Solid	300.0	134346
890-9608-9	CS - 9 (0.25')	Soluble	Solid	300.0	134346
890-9608-10	CS - 10 (0.25')	Soluble	Solid	300.0	134346
890-9608-11	CS - 11 (0.25')	Soluble	Solid	300.0	134346
890-9608-12	CS - 12 (0.25')	Soluble	Solid	300.0	134346
890-9608-13	CS - 13 (0.25')	Soluble	Solid	300.0	134346
890-9608-14	CS - 14 (0.25')	Soluble	Solid	300.0	134346
890-9608-15	CS - 15 (0.25')	Soluble	Solid	300.0	134346
890-9608-16	CS - 16 (0.25')	Soluble	Solid	300.0	134346

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

## HPLC/IC (Continued)

## Analysis Batch: 134431 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-17	CS - 17 (0.25')	Soluble	Solid	300.0	134346
890-9608-18	CS - 18 (0.25')	Soluble	Solid	300.0	134346
890-9608-19	CS - 19 (0.25')	Soluble	Solid	300.0	134346
890-9608-20	CS - 20 (0.25')	Soluble	Solid	300.0	134346
890-9608-21	CS - 21 (0.25')	Soluble	Solid	300.0	134346
890-9608-22	CS - 22 (0.25')	Soluble	Solid	300.0	134346
890-9608-23	CS - 23 (0.25')	Soluble	Solid	300.0	134346
890-9608-24	CS - 24 (0.25')	Soluble	Solid	300.0	134346
890-9608-25	CS - 25 (0.25')	Soluble	Solid	300.0	134346
890-9608-26	CS - 26 (0.25')	Soluble	Solid	300.0	134346
890-9608-27	CS - 27 (0.25')	Soluble	Solid	300.0	134346
MB 880-134346/1-A	Method Blank	Soluble	Solid	300.0	134346
LCS 880-134346/2-A	Lab Control Sample	Soluble	Solid	300.0	134346
LCSD 880-134346/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134346
890-9608-8 MS	CS - 8 (0.25')	Soluble	Solid	300.0	134346
890-9608-8 MSD	CS - 8 (0.25')	Soluble	Solid	300.0	134346
890-9608-18 MS	CS - 18 (0.25')	Soluble	Solid	300.0	134346
890-9608-18 MSD	CS - 18 (0.25')	Soluble	Solid	300.0	134346

## Analysis Batch: 134439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9608-28	CS - 28 (0.25')	Soluble	Solid	300.0	134347
890-9608-29	CS - 29 (0.25')	Soluble	Solid	300.0	134347
890-9608-30	CS - 30 (0.25')	Soluble	Solid	300.0	134347
MB 880-134347/1-A	Method Blank	Soluble	Solid	300.0	134347
LCS 880-134347/2-A	Lab Control Sample	Soluble	Solid	300.0	134347
LCSD 880-134347/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134347
890-9608-28 MS	CS - 28 (0.25')	Soluble	Solid	300.0	134347
890-9608-28 MSD	CS - 28 (0.25')	Soluble	Solid	300.0	134347

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 1 (0.25')**

**Lab Sample ID: 890-9608-1**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 13:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/12/26 23:58	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134163	03/08/26 19:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/12/26 23:58	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:05	SMC	EET MID

**Client Sample ID: CS - 2 (0.25')**

**Lab Sample ID: 890-9608-2**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 13:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 13:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 00:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134163	03/08/26 19:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 00:13	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:10	SMC	EET MID

**Client Sample ID: CS - 3 (0.25')**

**Lab Sample ID: 890-9608-3**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 14:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 00:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134163	03/08/26 19:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 00:28	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:15	SMC	EET MID

**Client Sample ID: CS - 4 (0.25')**

**Lab Sample ID: 890-9608-4**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 14:34	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 4 (0.25')**

**Lab Sample ID: 890-9608-4**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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			134751	03/13/26 00:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134163	03/08/26 19:39	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 00:43	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:20	SMC	EET MID

**Client Sample ID: CS - 5 (0.25')**

**Lab Sample ID: 890-9608-5**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 14:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 14:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 02:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 02:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:26	SMC	EET MID

**Client Sample ID: CS - 6 (0.25')**

**Lab Sample ID: 890-9608-6**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 15:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 15:14	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 02:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 02:59	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:31	SMC	EET MID

**Client Sample ID: CS - 7 (0.25')**

**Lab Sample ID: 890-9608-7**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 15:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 15:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 03:14	FC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 7 (0.25')**

**Lab Sample ID: 890-9608-7**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134343	03/09/26 16:45	SA	EET MID
Soluble	Analysis	300.0		1			134421	03/10/26 17:36	SMC	EET MID

**Client Sample ID: CS - 8 (0.25')**

**Lab Sample ID: 890-9608-8**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 15:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 15:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 03:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 03:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 16:55	SMC	EET MID

**Client Sample ID: CS - 9 (0.25')**

**Lab Sample ID: 890-9608-9**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 16:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 16:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 03:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 03:44	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 17:15	SMC	EET MID

**Client Sample ID: CS - 10 (0.25')**

**Lab Sample ID: 890-9608-10**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 16:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 16:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 04:00	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 17:21	SMC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 11 (0.25')**

**Lab Sample ID: 890-9608-11**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 22:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 22:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 04:14	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 17:28	SMC	EET MID

**Client Sample ID: CS - 12 (0.25')**

**Lab Sample ID: 890-9608-12**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 22:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 22:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 04:30	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 17:35	SMC	EET MID

**Client Sample ID: CS - 13 (0.25')**

**Lab Sample ID: 890-9608-13**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 22:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 22:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 04:45	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 17:55	SMC	EET MID

**Client Sample ID: CS - 14 (0.25')**

**Lab Sample ID: 890-9608-14**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 23:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 23:10	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 14 (0.25')**

**Lab Sample ID: 890-9608-14**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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			134751	03/13/26 05:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 05:01	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:02	SMC	EET MID

**Client Sample ID: CS - 15 (0.25')**

**Lab Sample ID: 890-9608-15**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 23:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 23:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 05:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 05:31	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:08	SMC	EET MID

**Client Sample ID: CS - 16 (0.25')**

**Lab Sample ID: 890-9608-16**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/09/26 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 23:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 05:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 05:45	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:15	SMC	EET MID

**Client Sample ID: CS - 17 (0.25')**

**Lab Sample ID: 890-9608-17**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/10/26 00:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 00:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 06:00	SA	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 06:00	FC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 17 (0.25')**

**Lab Sample ID: 890-9608-17**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:22	SMC	EET MID

**Client Sample ID: CS - 18 (0.25')**

**Lab Sample ID: 890-9608-18**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/10/26 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 00:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 06:16	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 06:16	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:28	SMC	EET MID

**Client Sample ID: CS - 19 (0.25')**

**Lab Sample ID: 890-9608-19**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/10/26 00:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 00:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 06:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 06:31	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:48	SMC	EET MID

**Client Sample ID: CS - 20 (0.25')**

**Lab Sample ID: 890-9608-20**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134234	03/09/26 11:23	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134206	03/10/26 01:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 01:13	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 06:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 06:46	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 18:55	SMC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 21 (0.25')**

**Lab Sample ID: 890-9608-21**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134225	03/09/26 11:11	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/09/26 19:35	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/09/26 19:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 07:01	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 07:01	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:15	SMC	EET MID

**Client Sample ID: CS - 22 (0.25')**

**Lab Sample ID: 890-9608-22**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 02:18	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 02:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 07:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 07:17	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:22	SMC	EET MID

**Client Sample ID: CS - 23 (0.25')**

**Lab Sample ID: 890-9608-23**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 02:38	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 02:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 07:31	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 07:31	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:29	SMC	EET MID

**Client Sample ID: CS - 24 (0.25')**

**Lab Sample ID: 890-9608-24**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 02:59	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 02:59	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 24 (0.25')**

**Lab Sample ID: 890-9608-24**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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			134751	03/13/26 07:46	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	134164	03/08/26 19:42	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134658	03/13/26 07:46	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:35	SMC	EET MID

**Client Sample ID: CS - 25 (0.25')**

**Lab Sample ID: 890-9608-25**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 03:19	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 03:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 03:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 03:17	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:42	SMC	EET MID

**Client Sample ID: CS - 26 (0.25')**

**Lab Sample ID: 890-9608-26**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 03:40	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 03:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 04:15	SA	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:49	SMC	EET MID

**Client Sample ID: CS - 27 (0.25')**

**Lab Sample ID: 890-9608-27**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 04:00	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 04:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 04:34	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS - 27 (0.25')**

**Lab Sample ID: 890-9608-27**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	134346	03/09/26 16:47	SA	EET MID
Soluble	Analysis	300.0		1			134431	03/10/26 19:55	SMC	EET MID

**Client Sample ID: CS - 28 (0.25')**

**Lab Sample ID: 890-9608-28**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 04:21	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 04:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 04:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 04:55	SA	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 18:18	SMC	EET MID

**Client Sample ID: CS - 29 (0.25')**

**Lab Sample ID: 890-9608-29**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 04:41	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 04:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 05:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 05:13	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 18:34	SMC	EET MID

**Client Sample ID: CS - 30 (0.25')**

**Lab Sample ID: 890-9608-30**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134375	03/09/26 21:03	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134202	03/10/26 05:02	SA	EET MID
Total/NA	Analysis	Total BTEX		1			134484	03/10/26 05:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			134751	03/13/26 05:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 05:32	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 18:39	SMC	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9608-1  
 SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9608-1	CS - 1 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-2	CS - 2 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-3	CS - 3 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-4	CS - 4 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-5	CS - 5 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-6	CS - 6 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-7	CS - 7 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-8	CS - 8 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-9	CS - 9 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-10	CS - 10 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-11	CS - 11 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-12	CS - 12 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-13	CS - 13 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-14	CS - 14 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-15	CS - 15 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-16	CS - 16 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-17	CS - 17 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-18	CS - 18 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-19	CS - 19 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-20	CS - 20 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-21	CS - 21 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-22	CS - 22 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-23	CS - 23 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-24	CS - 24 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-25	CS - 25 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-26	CS - 26 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-27	CS - 27 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-28	CS - 28 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-29	CS - 29 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9608-30	CS - 30 (0.25')	Solid	03/05/26 00:00	03/06/26 10:16	Texas

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Chain of Custody

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

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Work Order Comments

Program: UST/PST  PRP  Brownfields  RC  perfund

State of Project: 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  
 Midland, TX 79701  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-8988  
 Email: laci.luig@coterra.com & ashton.thielke@coterra.com

Bill to: (if different)  
 Company Name: Cimarex Energy  
 Address: 600 N Marlenfeld St. Suite 600  
 Midland, TX 79701

SAMPLE RECEIPT		Temp Blank:		Yes	No	Wet Ice:	Yes	No
Received Intact:	Yes	No						
Cooler Custody Seals:	Yes	No						
Sample Custody Seals:	Yes	No						
Total Containers:	73							

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Pres. Code
CS-1 (0.25')	3/5/2026		X		C	1	
CS-2 (0.25')	3/5/2026		X		C	1	
CS-3 (0.25')	3/5/2026		X		C	1	
CS-4 (0.25')	3/5/2026		X		C	1	
CS-5 (0.25')	3/5/2026		X		C	1	
CS-6 (0.25')	3/5/2026		X		C	1	
CS-7 (0.25')	3/5/2026		X		C	1	
CS-8 (0.25')	3/5/2026		X		C	1	
CS-9 (0.25')	3/5/2026		X		C	1	
CS-10 (0.25')	3/5/2026		X		C	1	

ANALYSIS REQUEST	Pres. Code	Parameters	Turn Around	Due Date:	Standard
BTEX 8021B			<input checked="" type="checkbox"/> Routine		Standard
TPH 8015M (GRO + DRO + MRO)			<input type="checkbox"/> Rush		Standard
Chloride 300.0					

ANALYSIS REQUEST	Pres. Code	Parameters	Turn Around	Due Date:	Standard
Hold					
890-9608 Chain of Custody					

ANALYSIS REQUEST	Pres. Code	Parameters	Turn Around	Due Date:	Standard
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: SACP					

Comments:

Relinquished By: (Signature) \_\_\_\_\_ Date/Time: 3/13/2026

Received by: (Signature) *Burns* Date/Time: 3/6/2016

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Chain of Custody

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

Page 2 of 3

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 Marinenfield St, Suite 600  
 City, State ZIP: Midland, TX 79701  
 Email: laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments  
 Program: UST/PST PRP Brownfields IRC perfund   
 State of Project: Level II Level III ST/UST RRP Level IV   
 Deliverables: EDD  ADaPT  Other: \_\_\_\_\_

Project Name: North Maduro Federal Unit #003H  
 Project Number: 3168  
 Project Location: Lea County, New Mexico  
 Sampler's Name: JDC  
 PO #: \_\_\_\_\_

Turn Around: Routine Rush  
 Due Date: Standard  
 Wet Ice: Yes No

Temp Blank: Yes No  
 Thermometer ID: *Inmag*  
 Cooler Custody Seals: Yes No N/A  
 Correction Factor: *-0.3*  
 Sample Custody Seals: Yes No N/A  
 Temperature Reading: *-7.8*  
 Total Containers: Corrected Temperature: *-7.6*

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Pres. Code	ANALYSIS REQUEST		Preservative Codes
							TPH 8015M (GRO + DRO + MRO)	Chloride 300.0		BTX 8021B	Hold	
CS-11 (0.25')	3/5/2026		X		C	1		X				None: NO DI Water: H <sub>2</sub> O
CS-12 (0.25')	3/5/2026		X		C	1		X				Cool: Cool MeOH: Me
CS-13 (0.25')	3/5/2026		X		C	1		X				HCL: HC HNO <sub>3</sub> : HN
CS-14 (0.25')	3/5/2026		X		C	1		X				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
CS-15 (0.25')	3/5/2026		X		C	1		X				H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS
CS-16 (0.25')	3/5/2026		X		C	1		X				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
CS-17 (0.25')	3/5/2026		X		C	1		X				Zn Acetate+NaOH: Zn
CS-18 (0.25')	3/5/2026		X		C	1		X				NaOH+Ascorbic Acid: SAPC
CS-19 (0.25')	3/5/2026		X		C	1		X				
CS-20 (0.25')	3/5/2026		X		C	1		X				

Comments:

Relinquished by: (Signature) *[Signature]* Date/Time 3/13/2026

Received by: (Signature) *[Signature]* Date/Time 3/6 10/16





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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 PM: Kramer, Jessica	Carrier Tracking No(s): N/A	COC No: 890-6629.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas	Page: 1 of 4	
Company: Eurofins Environment Testing South Cent		Due Date Requested: 3/12/2026	Accreditations Required (See note): NELAP - Texas	Job #: 890-9608-1	Preservation Codes:
Address: 1211 W. Florida Ave.		City: Midland	<b>Analysis Requested</b>		
State, Zip: TX, 79701		TAT Requested (days): N/A			
Phone: 432-704-5440(Tel)		PO #: N/A			
Email: N/A		WO #: N/A			
Project Name: NORTH MADURO FEDERAL UNIT #003H		Project #: 88001161			
Site: N/A		SSOW#: N/A			
		Other: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Over-sat, Br-Tank, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
CS - 1 (0.25) (890-9608-1)	3/5/26		G	Solid	X	X	8021B/5035FP_CalcBTEX Total_BTEX_GCV 8015MOD_Calc 8015MOD_NM/8015NM_S_PrepFull TPH 300_ORGFM_28/DI_LEACHChloride	1	
CS - 2 (0.25) (890-9608-2)	3/5/26		G	Solid	X	X		1	
CS - 3 (0.25) (890-9608-3)	3/5/26		G	Solid	X	X		1	
CS - 4 (0.25) (890-9608-4)	3/5/26		G	Solid	X	X		1	
CS - 5 (0.25) (890-9608-5)	3/5/26		G	Solid	X	X		1	
CS - 6 (0.25) (890-9608-6)	3/5/26		G	Solid	X	X		1	
CS - 7 (0.25) (890-9608-7)	3/5/26		G	Solid	X	X		1	
CS - 8 (0.25) (890-9608-8)	3/5/26		G	Solid	X	X		1	
CS - 9 (0.25) (890-9608-9)	3/5/26		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/estimation being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other institutions 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: \_\_\_\_\_

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

Empty Kit Relinquished by: _____	Date: _____	Time: _____	Method of Shipment: _____
Relinquished by: <i>Burn</i>	Date/Time: 3/16 1630	Company: _____	Received by: <i>[Signature]</i>
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____
Relinquished by: _____	Date/Time: _____	Company: _____	Received by: _____
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.: _____	Cooler Temperature(s) °C and Other Remarks: _____	

V:\101107024

**Eurofins Carlsbad**

1089 N Canal St.  
Carlsbad, NM 86220  
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 PM:	Kramer, Jessica	COC No:	890-6629-2
Client Contact:	N/A	Phone:	N/A	E-Mail:	Jessica.Kramer@et.eurofins.com	State of Origin:	Texas
Shipping/Receiving:	N/A	Project #:	88001161	Accreditations Required (See note):	NEIAP - Texas	Page:	Page 2 of 4
Company:	Eurofins Environment Testing South Cent	Project #:	88001161	SSOW#:	N/A	Job #:	890-9608-1
Address:	1211 W. Florida Ave.	Due Date Requested:	3/12/2026	Field Filtered Sample (Yes or No):	<input checked="" type="checkbox"/>	Preservation Codes:	
City:	Midland	TAT Requested (days):	N/A	Perform MS/MSD (Yes or No):	<input checked="" type="checkbox"/>	Carrier Tracking No(s):	N/A
State, Zip:	TX, 79701	PO #:	N/A	8021B/5035FP_CalcBTEX		Total Number of containers:	1
Phone:	432-704-5440(Tel)	WO #:	N/A	Total_BTEX_GCV		Special Instructions/Note:	
Email:	N/A	Matrix (Wet, Solid, Over-sold, Br-Tsam, As-Br):		8015MOD_Calc			
Project Name:	NORTH MADURO FEDERAL UNIT #003H	Sample Type (C=Comp, G=grab):		8015MOD_NM/8015NM_S_PrepFull TPH			
Site:	N/A	Preservation Code:		300_ORGFM_28/DI_LEACHChloride			
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Analysis Requested			
CS - 10 (0.25) (890-9608-10)		3/5/26	Central	G	Solid	X	X
CS - 11 (0.25) (890-9608-11)		3/5/26	Central	G	Solid	X	X
CS - 12 (0.25) (890-9608-12)		3/5/26	Central	G	Solid	X	X
CS - 13 (0.25) (890-9608-13)		3/5/26	Central	G	Solid	X	X
CS - 14 (0.25) (890-9608-14)		3/5/26	Central	G	Solid	X	X
CS - 15 (0.25) (890-9608-15)		3/5/26	Central	G	Solid	X	X
CS - 16 (0.25) (890-9608-16)		3/5/26	Central	G	Solid	X	X
CS - 17 (0.25) (890-9608-17)		3/5/26	Central	G	Solid	X	X
CS - 18 (0.25) (890-9608-18)		3/5/26	Central	G	Solid	X	X
<p>Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte &amp; 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 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.</p>							
<b>Possible Hazard Identification</b>		Unconfirmed		<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months			
Deliverable Requested: I, II, III, IV, Other (Specify)		Primary Deliverable Rank: 2		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by: <i>Saunders</i>		3/16	1630	Received by: <i>SSC</i>			
Relinquished by:		Date/Time:	Company:	Received by:			
Relinquished by:		Date/Time:	Company:	Received by:			
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			

Chain of Custody Record



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

**Client Information (Sub Contract Lab)**  
 Client Contact: N/A  
 Shipping/Receiving: N/A  
 Eurofins Environment Testing South Cent  
 Address: 1211 W. Florida Ave.  
 City: Midland  
 State, Zip: TX, 79701  
 Phone: 432-704-5440(Tel)  
 Email: N/A  
 Project Name: NORTH MADURO FEDERAL UNIT #003H  
 Site: N/A  
 Lab Piv: Kramer, Jessica  
 E-Mail: Jessica.Kramer@et.eurofins.com  
 Accrediations Required (See note): NIE LAP - Texas  
 Carrier Tracking No(s): N/A  
 State of Origin: Texas  
 Page: Page 3 of 4  
 Job #: 890-9608-1  
 Preservation Codes:

Due Date Requested:	Sample:	Sampler:	Lab Piv:	Carrier Tracking No(s):	COC No:
3/12/2026	N/A	N/A	Kramer, Jessica	N/A	890-6629-3
TAI Requested (days):	N/A				
PO #:	N/A				
MO #:	N/A				
Project #:	88001161				
SSOW#:	N/A				
Other:					

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Weaver, Solid, Over-sat, BT=Trace, A=Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
CS - 19 (0.25) (890-9608-19)	3/5/26	Central	G	Solid	X	X	8021B/5035FP_CalcBTEX Total_BTEX_GCV 8015MOD_Calc 8015MOD_NM/8015NM_S_PrepFull TPH 300_ORGFM_28D/DI_LEACHChloride	1	
CS - 20 (0.25) (890-9608-20)	3/5/26	Central	G	Solid	X	X		1	
CS - 21 (0.25) (890-9608-21)	3/5/26	Central	G	Solid	X	X		1	
CS - 22 (0.25) (890-9608-22)	3/5/26	Central	G	Solid	X	X		1	
CS - 23 (0.25) (890-9608-23)	3/5/26	Central	G	Solid	X	X		1	
CS - 24 (0.25) (890-9608-24)	3/5/26	Central	G	Solid	X	X		1	
CS - 25 (0.25) (890-9608-25)	3/5/26	Central	G	Solid	X	X		1	
CS - 26 (0.25) (890-9608-26)	3/5/26	Central	G	Solid	X	X		1	
CS - 27 (0.25) (890-9608-27)	3/5/26	Central	G	Solid	X	X		1	

Note: Since laboratory accreditation is 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/less-than-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 accreditation 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  
 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:

Empty Kit Returned by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Method of Shipment: \_\_\_\_\_  
 Relinquished by: *Brown* Date/Time: *3/16 1630* Company: \_\_\_\_\_ Received by: *[Signature]* Date/Time: *3-9-26* Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No.: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9608-1  
SDG Number: Lea County New Mexico

**Login Number: 9608**

**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: 890-9608-1  
SDG Number: Lea County New Mexico

**Login Number: 9608**  
**List Number: 2**  
**Creator: Vasquez, Julisa**

**List Source: Eurofins Midland**  
**List Creation: 03/08/26 02:58 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 3/13/2026 8:33:15 AM

## JOB DESCRIPTION

NORTH MADURO FEDERAL UNIT #003H  
 Lea County New Mexico

## JOB NUMBER

890-9609-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



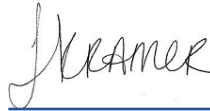
# Eurofins Carlsbad

## 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  
3/13/2026 8:33:15 AM

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: NORTH MADURO FEDERAL UNIT #003H

Laboratory Job ID: 890-9609-1  
SDG: Lea County New Mexico

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## Definitions/Glossary

Client: Carmona Resources  
Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
SDG: Lea County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1

**Job ID: 890-9609-1**

**Eurofins Carlsbad**

### Job Narrative 890-9609-1

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 3/6/2026 10:16 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was -7.6°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (0-0.5') (890-9609-1), H - 2 (0-0.5') (890-9609-2), H - 3 (0-0.5') (890-9609-3) and H - 4 (0-0.5') (890-9609-4).

### GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-134438 and analytical batch 880-134529 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-69234-A-1-C) and (880-69234-A-1-E MSD). 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.

### Diesel Range Organics

Method 8015B NM: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-134165 and analytical batch 880-134693 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-134165 and analytical batch 880-134693 was outside control limits. Sample non-homogeneity is suspected.

Method 8015B NM: Surrogate recovery for the following sample was outside the upper control limit: H - 4 (0-0.5') (890-9609-4). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H - 1 (0-0.5') (890-9609-1), H - 2 (0-0.5') (890-9609-2), (LCS 880-134165/2-A) and (LCSD 880-134165/3-A). 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

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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9609-1**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/10/26 11:40	03/11/26 18:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/10/26 11:40	03/11/26 18:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/10/26 11:40	03/11/26 18:12	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		03/10/26 11:40	03/11/26 18:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/10/26 11:40	03/11/26 18:12	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/10/26 11:40	03/11/26 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	03/10/26 11:40	03/11/26 18:12	1
1,4-Difluorobenzene (Surr)	123		70 - 130	03/10/26 11:40	03/11/26 18:12	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			03/11/26 18:12	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			03/13/26 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 05:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/08/26 19:46	03/13/26 05:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 05:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	03/08/26 19:46	03/13/26 05:53	1
o-Terphenyl (Surr)	134	S1+	70 - 130	03/08/26 19:46	03/13/26 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.7		9.92		mg/Kg			03/10/26 18:44	1

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

**Lab Sample ID: 890-9609-2**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/10/26 11:40	03/11/26 18:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 18:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 18:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		03/10/26 11:40	03/11/26 18:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 18:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/10/26 11:40	03/11/26 18:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	03/10/26 11:40	03/11/26 18:32	1
1,4-Difluorobenzene (Surr)	120		70 - 130	03/10/26 11:40	03/11/26 18:32	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9609-2**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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			03/11/26 18:32	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			03/13/26 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		03/08/26 19:46	03/13/26 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		03/08/26 19:46	03/13/26 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 06:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				03/08/26 19:46	03/13/26 06:12	1
o-Terphenyl (Surr)	139	S1+	70 - 130				03/08/26 19:46	03/13/26 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			03/10/26 18:49	1

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

**Lab Sample ID: 890-9609-3**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/10/26 11:40	03/11/26 18:53	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/10/26 11:40	03/11/26 18:53	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/10/26 11:40	03/11/26 18:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		03/10/26 11:40	03/11/26 18:53	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/10/26 11:40	03/11/26 18:53	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/10/26 11:40	03/11/26 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				03/10/26 11:40	03/11/26 18:53	1
1,4-Difluorobenzene (Surr)	121		70 - 130				03/10/26 11:40	03/11/26 18:53	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			03/11/26 18:53	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			03/13/26 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/08/26 19:46	03/13/26 06:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		03/08/26 19:46	03/13/26 06:31	1

Eurofins Carlsbad

### Client Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9609-3**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/08/26 19:46	03/13/26 06:31	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	87		70 - 130				03/08/26 19:46	03/13/26 06:31	1
o-Terphenyl (Surr)	113		70 - 130				03/08/26 19:46	03/13/26 06:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92		mg/Kg			03/10/26 19:05	1

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

**Lab Sample ID: 890-9609-4**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

**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		03/10/26 11:40	03/11/26 19:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/10/26 11:40	03/11/26 19:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/10/26 11:40	03/11/26 19:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		03/10/26 11:40	03/11/26 19:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/10/26 11:40	03/11/26 19:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/10/26 11:40	03/11/26 19:13	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				03/10/26 11:40	03/11/26 19:13	1
1,4-Difluorobenzene (Surr)	125		70 - 130				03/10/26 11:40	03/11/26 19:13	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			03/11/26 19:13	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			03/13/26 06:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 06:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		03/08/26 19:46	03/13/26 06:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/08/26 19:46	03/13/26 06:50	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)	117		70 - 130				03/08/26 19:46	03/13/26 06:50	1
o-Terphenyl (Surr)	143	S1+	70 - 130				03/08/26 19:46	03/13/26 06:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.0		10.1		mg/Kg			03/10/26 19:10	1

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## Surrogate Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 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)
880-69234-A-1-D MS	Matrix Spike	100	113
880-69234-A-1-E MSD	Matrix Spike Duplicate	51 S1-	89
890-9609-1	H - 1 (0-0.5')	78	123
890-9609-2	H - 2 (0-0.5')	104	120
890-9609-3	H - 3 (0-0.5')	109	121
890-9609-4	H - 4 (0-0.5')	100	125
LCS 880-134438/1-A	Lab Control Sample	98	116
LCS 880-134438/2-A	Lab Control Sample Dup	97	116
MB 880-134438/5-A	Method Blank	99	111

**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)
890-9608-A-25-B MS	Matrix Spike	112	123
890-9608-A-25-C MSD	Matrix Spike Duplicate	92	104
890-9609-1	H - 1 (0-0.5')	105	134 S1+
890-9609-2	H - 2 (0-0.5')	111	139 S1+
890-9609-3	H - 3 (0-0.5')	87	113
890-9609-4	H - 4 (0-0.5')	117	143 S1+
LCS 880-134165/2-A	Lab Control Sample	161 S1+	155 S1+
LCS 880-134165/3-A	Lab Control Sample Dup	147 S1+	144 S1+
MB 880-134165/1-A	Method Blank	106	109

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-134438/5-A  
 Matrix: Solid  
 Analysis Batch: 134529

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 134438

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		03/10/26 11:40	03/11/26 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/10/26 11:40	03/11/26 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/10/26 11:40	03/11/26 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	03/10/26 11:40	03/11/26 11:42	1
1,4-Difluorobenzene (Surr)	111		70 - 130	03/10/26 11:40	03/11/26 11:42	1

Lab Sample ID: LCS 880-134438/1-A  
 Matrix: Solid  
 Analysis Batch: 134529

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 134438

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09307		mg/Kg		93	70 - 130
Toluene	0.100	0.08522		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08484		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	0.200	0.1754		mg/Kg		88	70 - 130
o-Xylene	0.100	0.08832		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-134438/2-A  
 Matrix: Solid  
 Analysis Batch: 134529

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 134438

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1043		mg/Kg		104	70 - 130	11	35
Toluene	0.100	0.08807		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.08298		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1721		mg/Kg		86	70 - 130	2	35
o-Xylene	0.100	0.08717		mg/Kg		87	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-69234-A-1-D MS  
 Matrix: Solid  
 Analysis Batch: 134529

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 134438

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.09197		mg/Kg		92	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.08291		mg/Kg		83	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-69234-A-1-D MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134529

Prep Batch: 134438

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1 F2	0.100	0.08302		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.1720		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.08525		mg/Kg		85	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-69234-A-1-E MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134529

Prep Batch: 134438

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	RPD
	Result	Qualifier		Result	Qualifier					Limit	
Benzene	<0.00200	U F1	0.100	0.06609	F1	mg/Kg		66	70 - 130	33	35
Toluene	<0.00200	U F1 F2	0.100	0.03473	F1 F2	mg/Kg		35	70 - 130	82	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.02690	F1 F2	mg/Kg		27	70 - 130	102	35
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.05989	F1 F2	mg/Kg		30	70 - 130	97	35
o-Xylene	<0.00200	U F1 F2	0.100	0.02639	F1 F2	mg/Kg		26	70 - 130	105	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	51	S1-	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

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

Lab Sample ID: MB 880-134165/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134693

Prep Batch: 134165

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		03/08/26 19:46	03/13/26 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/08/26 19:46	03/13/26 02:18	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	106		70 - 130	03/08/26 19:46	03/13/26 02:18	1
o-Terphenyl (Surr)	109		70 - 130	03/08/26 19:46	03/13/26 02:18	1

Lab Sample ID: LCS 880-134165/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134693

Prep Batch: 134165

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	1228		mg/Kg		123	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1241		mg/Kg		124	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-134165/2-A**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	161	S1+	70 - 130
o-Terphenyl (Surr)	155	S1+	70 - 130

**Lab Sample ID: LCSD 880-134165/3-A**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1042		mg/Kg		104	70 - 130	16		20
Diesel Range Organics (Over C10-C28)	1000	1352	*+	mg/Kg		135	70 - 130	9		20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	147	S1+	70 - 130
o-Terphenyl (Surr)	144	S1+	70 - 130

**Lab Sample ID: 890-9608-A-25-B MS**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	1202		mg/Kg		120	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	911.8		mg/Kg		91	70 - 130			

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	123		70 - 130

**Lab Sample ID: 890-9608-A-25-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 134693**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 134165**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
									Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	999	877.7	F2	mg/Kg		88	70 - 130	31		20
Diesel Range Organics (Over C10-C28)	<49.9	U *+	999	780.8		mg/Kg		78	70 - 130	15		20

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	104		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-134347/1-A  
 Matrix: Solid  
 Analysis Batch: 134439

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			03/10/26 18:02	1

Lab Sample ID: LCS 880-134347/2-A  
 Matrix: Solid  
 Analysis Batch: 134439

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.3		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-134347/3-A  
 Matrix: Solid  
 Analysis Batch: 134439

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	249.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-9608-A-28-D MS  
 Matrix: Solid  
 Analysis Batch: 134439

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	10.7		251	259.9		mg/Kg		100	90 - 110

Lab Sample ID: 890-9608-A-28-E MSD  
 Matrix: Solid  
 Analysis Batch: 134439

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	10.7		251	260.2		mg/Kg		100	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

## GC VOA

## Prep Batch: 134438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Total/NA	Solid	5035	
890-9609-2	H - 2 (0-0.5')	Total/NA	Solid	5035	
890-9609-3	H - 3 (0-0.5')	Total/NA	Solid	5035	
890-9609-4	H - 4 (0-0.5')	Total/NA	Solid	5035	
MB 880-134438/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134438/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-134438/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69234-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-69234-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 134529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Total/NA	Solid	8021B	134438
890-9609-2	H - 2 (0-0.5')	Total/NA	Solid	8021B	134438
890-9609-3	H - 3 (0-0.5')	Total/NA	Solid	8021B	134438
890-9609-4	H - 4 (0-0.5')	Total/NA	Solid	8021B	134438
MB 880-134438/5-A	Method Blank	Total/NA	Solid	8021B	134438
LCS 880-134438/1-A	Lab Control Sample	Total/NA	Solid	8021B	134438
LCS 880-134438/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134438
880-69234-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	134438
880-69234-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	134438

## Analysis Batch: 134677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9609-2	H - 2 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9609-3	H - 3 (0-0.5')	Total/NA	Solid	Total BTEX	
890-9609-4	H - 4 (0-0.5')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 134165

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9609-2	H - 2 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9609-3	H - 3 (0-0.5')	Total/NA	Solid	8015NM Prep	
890-9609-4	H - 4 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-134165/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134165/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-134165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9608-A-25-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9608-A-25-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 134693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Total/NA	Solid	8015B NM	134165
890-9609-2	H - 2 (0-0.5')	Total/NA	Solid	8015B NM	134165
890-9609-3	H - 3 (0-0.5')	Total/NA	Solid	8015B NM	134165
890-9609-4	H - 4 (0-0.5')	Total/NA	Solid	8015B NM	134165
MB 880-134165/1-A	Method Blank	Total/NA	Solid	8015B NM	134165
LCS 880-134165/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134165

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 134693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-134165/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134165
890-9608-A-25-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134165
890-9608-A-25-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134165

## Analysis Batch: 134752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Total/NA	Solid	8015 NM	
890-9609-2	H - 2 (0-0.5')	Total/NA	Solid	8015 NM	
890-9609-3	H - 3 (0-0.5')	Total/NA	Solid	8015 NM	
890-9609-4	H - 4 (0-0.5')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 134347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Soluble	Solid	DI Leach	
890-9609-2	H - 2 (0-0.5')	Soluble	Solid	DI Leach	
890-9609-3	H - 3 (0-0.5')	Soluble	Solid	DI Leach	
890-9609-4	H - 4 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-134347/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134347/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134347/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-9608-A-28-D MS	Matrix Spike	Soluble	Solid	DI Leach	
890-9608-A-28-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

## Analysis Batch: 134439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-9609-1	H - 1 (0-0.5')	Soluble	Solid	300.0	134347
890-9609-2	H - 2 (0-0.5')	Soluble	Solid	300.0	134347
890-9609-3	H - 3 (0-0.5')	Soluble	Solid	300.0	134347
890-9609-4	H - 4 (0-0.5')	Soluble	Solid	300.0	134347
MB 880-134347/1-A	Method Blank	Soluble	Solid	300.0	134347
LCS 880-134347/2-A	Lab Control Sample	Soluble	Solid	300.0	134347
LCSD 880-134347/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134347
890-9608-A-28-D MS	Matrix Spike	Soluble	Solid	300.0	134347
890-9608-A-28-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	134347

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9609-1**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134438	03/10/26 11:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134529	03/11/26 18:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134677	03/11/26 18:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			134752	03/13/26 05:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 05:53	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 18:44	SMC	EET MID

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

**Lab Sample ID: 890-9609-2**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134438	03/10/26 11:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134529	03/11/26 18:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134677	03/11/26 18:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			134752	03/13/26 06:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 06:12	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 18:49	SMC	EET MID

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

**Lab Sample ID: 890-9609-3**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134438	03/10/26 11:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134529	03/11/26 18:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134677	03/11/26 18:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			134752	03/13/26 06:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 06:31	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 19:05	SMC	EET MID

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

**Lab Sample ID: 890-9609-4**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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	134438	03/10/26 11:40	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134529	03/11/26 19:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			134677	03/11/26 19:13	SA	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-9609-4**

Date Collected: 03/05/26 00:00

Matrix: Solid

Date Received: 03/06/26 10:16

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			134752	03/13/26 06:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134165	03/08/26 19:46	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134693	03/13/26 06:50	SA	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	134347	03/09/26 16:49	SA	EET MID
Soluble	Analysis	300.0		1			134439	03/10/26 19:10	SMC	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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
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: NORTH MADURO FEDERAL UNIT #003H

Job ID: 890-9609-1  
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-9609-1	H - 1 (0-0.5')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9609-2	H - 2 (0-0.5')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9609-3	H - 3 (0-0.5')	Solid	03/05/26 00:00	03/06/26 10:16	Texas
890-9609-4	H - 4 (0-0.5')	Solid	03/05/26 00:00	03/06/26 10:16	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**



<b>Client Information (Sub Contract Lab)</b>	Sampler: N/A	Lab PM: Kramer, Jessica	Carrier Tracking No(s): N/A
Client Contact: N/A	Phone: N/A	E-Mail: Jessica.Kramer@eurofins.com	State of Origin: Texas
Shipping/Receiving: N/A	Company: Eurofins Environment Testing South Centre	Accreditations Required (See note): NELAP - Texas	Page: 1 of 1
Address: 1211 W. Florida Ave.	Due Date Requested: 3/12/2026	Analysis Requested	Job #: 890-9609-1
City: Midland	TAT Requested (days): N/A	Preservation Codes:	COC No: 890-6630-1
State, Zip: TX, 79701	PO #: N/A		Page: 1 of 1
Phone: 432-704-5440(Tel)	WO #: N/A		
Email: N/A	Project #: 88001161		
Project Name: NORTH MADURO FEDERAL UNIT #003H	SSOW#: N/A		
Site: N/A			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Wet, Solid, Overhead, BI=Trace, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTX	Total_BTXX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
H - 1 (0-0.5) (890-9609-1)	3/5/26	Central	G	Solid	X	X	X	X	X	X	X	1	
H - 2 (0-0.5) (890-9609-2)	3/5/26	Central	G	Solid	X	X	X	X	X	X	X	1	
H - 3 (0-0.5) (890-9609-3)	3/5/26	Central	G	Solid	X	X	X	X	X	X	X	1	
H - 4 (0-0.5) (890-9609-4)	3/5/26	Central	G	Solid	X	X	X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Centre, 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/test/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Centre, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Centre, 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 Centre, LLC.

**Possible Hazard Identification**

Unconfirmed Deliverable Requested: I, II, III, IV, Other (Specify) \_\_\_\_\_ Primary Deliverable Rank: 2

Special Instructions/QC Requirements: \_\_\_\_\_

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

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

Relinquished by: *DeWun 8* Date/Time: 3/16 1630 Company: \_\_\_\_\_ Received by: *[Signature]* Date/Time: 3-9-26 800 Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact: \_\_\_\_\_ Custody Seal No.: \_\_\_\_\_ Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-9609-1  
SDG Number: Lea County New Mexico

**Login Number: 9609**

**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: 890-9609-1  
SDG Number: Lea County New Mexico

**Login Number: 9609**  
**List Number: 2**  
**Creator: Vasquez, Julisa**

**List Source: Eurofins Midland**  
**List Creation: 03/08/26 02:58 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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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 563129

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nSAD1326256192
Incident Name	NSAD1326256192 NORTH MADURO FEDERAL UNIT #003H (09.11.2013) @ 30-025-39623
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-39623] NORTH MADURO FEDERAL UNIT #003H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	North Maduro Federal Unit #003H (09.11.2013)
Date Release Discovered	09/11/2013
Surface Owner	Federal

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

<b>Nature and Volume of Release</b>	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure   Well   Crude Oil   Released: 3 BBL   Recovered: 0 BBL   Lost: 3 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 563129

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>More info needed to determine if this will be treated as a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Unavailable.
Reasons why this would be considered a submission for a notification of a major release	Unavailable.

*With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.*

**Initial Response**

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

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 03/16/2026
----------------------------------------------------	--------------------------------------------------------------------------------------------------------

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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 563129

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Site Characterization**  
*Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
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 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

**Remediation Plan**  
*Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

Requesting a remediation plan approval with this submission	Yes
<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)	159
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	50.9
GRO+DRO (EPA SW-846 Method 8015M)	50.9
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

*Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.*

On what estimated date will the remediation commence	09/11/2013
On what date will (or did) the final sampling or liner inspection occur	03/05/2026
On what date will (or was) the remediation complete(d)	03/05/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	5850
What is the estimated volume (in cubic yards) that will be remediated	40

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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**State of New Mexico**  
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**Santa Fe, NM 87505**

QUESTIONS, Page 4

Action 563129

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

**Remediation Plan (continued)**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <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	<a href="#">fEEM0112342028 LEA LAND LANDFILL</a>
<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: <a href="mailto:Ashton.Thielke@coterra.com">Ashton.Thielke@coterra.com</a> Date: 03/16/2026
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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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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**  
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**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

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Action 563129

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**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 563129

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>558517</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>03/05/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>35</b>
What was the sampling surface area in square feet	<b>6300</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	5850
What was the total volume (cubic yards) remediated	40
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	The entire area was scraped in 2013 and then recently during a reportable release at the location to the north. Surface composite confirmation samples showed no contamination left onsite. Deep groundwater onsite.

*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: 03/16/2026
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Action 563129

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

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CONDITIONS

Action 563129

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 563129
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**CONDITIONS**

Created By	Condition	Condition Date
nvez	None	4/8/2026