



**SITE INFORMATION**

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**Deferral Report**  
**Dos Equis 12-13 Federal Com 89H (05.27.2026)**  
**Incident ID: nAPP2614853841**  
**Lea County, New Mexico**  
**Unit B, Sec 12, T24S, R32E**  
**32.23852°, -103.62419°**

**Crude Oil & Produced Water Release**  
**Point of Release: 1/2 Inch Stainless Steel Ball Valve On Water Dump Being Partially Open.**  
**Release Date: 05.27.2026**  
**Volume Released: 19 Barrels of Crude Oil and 47 Barrels of Produced Water**  
**Volume Recovered: 19 Barrels of Crude Oil and 45 Barrels of Produced Water**

**CARMONA RESOURCES**



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

**Prepared by:**  
**Carmona Resources, LLC**  
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432.813.1992

**TABLE OF CONTENTS**

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**1.0 SITE INFORMATION AND BACKGROUND**

**2.0 SITE CHARACTERIZATION AND GROUNDWATER**

**3.0 NMAC REGULATORY CRITERIA**

**4.0 REMEDIATION ACTIVITIES**

**5.0 SITE ASSESMENT ACTIVITIES**

**6.0 CONCLUSIONS**

**FIGURES**

<b>FIGURE 1</b>	<b>OVERVIEW</b>	<b>FIGURE 2</b>	<b>TOPOGRAPHIC</b>
<b>FIGURE 3</b>	<b>EXCAVATION</b>	<b>FIGURE 4</b>	<b>DEFERRAL</b>

**APPENDICES**

**APPENDIX A TABLES**

**APPENDIX B PHOTOS**

**APPENDIX C NMOCD CORRESPONDENCE**

**APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER**

**APPENDIX E LABORATORY REPORTS**



June 22, 2026

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

Re: **Deferral Report**  
**Dos Equis 12-13 Federal Com #089H (05.27.2026)**  
**Incident ID: nAPP2614853841**  
**Coterra Energy Operating Co.**  
**Site Location: Unit B, S12, T24S, R32E**  
**32.23852°, -103.62419°**  
**Lea County, New Mexico**

To whom it may concern:

On behalf of Coterra Energy Operating Co. (Coterra), Carmona Resources LLC has prepared this letter to document the remediation activities for the Dos Equis 12-13 Federal Com #089H (05.27.2026) release. The site is located at 32.23852°, -103.62419° within Unit B, S12, T24S, R32E, in Lea County, New Mexico (Figures 1 and 2).

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

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 27, 2026, due to a 1/2 inch stainless steel ball valve on the water dump being partially left open. It resulted in approximately nineteen (19) barrels of crude oil and forty-seven (47) barrels of produced water being released, with nineteen (19) barrels of crude oil and forty-five (45) barrels of produced water recovered. Due to the high pressure from the release, it resulted in a tear within the containment that allowed fluids to escape beneath the containment and migrate onto the well pad surface to the west, north, and east of the containment area. The release area on the well pad is approximately 2,942 square feet. The spill boundaries are shown in Figure 3. The Notification of Release and 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. There are two (2) Groundwater Determination Bores (GWDB) located within a 0.50-mile radius of the location, with the nearest GWDB approximately 0.22 miles North of the site. The bore was drilled in 2022 to a depth of 55 feet below ground surface (ft bgs) with no evidence of groundwater detected. An additional GWDB was identified at 0.34 miles West of the site. The bore was drilled in 2023 to a depth of 105' bgs with no evidence of groundwater detected. A copy of the well log(s) are attached in Appendix D.

### **3.0 NMAC Regulatory Criteria**

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

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH: 1,000 mg/kg (GRO + DRO).
- TPH: 2,500 mg/kg (GRO + DRO + MRO).
- Chloride: 20,000 mg/kg.



#### **4.0 Remediation Activities**

On June 9, 2026, hydrovac and dirt contractors removed contaminated soil from the affected area surrounding the containment area. On June 10, 2025, Carmona Resources personnel were onsite to collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on June 5, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The area was excavated to a depth of 0.5 ft bgs. A total of eighteen (18) confirmation floor samples were collected (CS-1 through CS-18) were collected every 200 square feet to ensure the proper removal of the contaminated soils. Additionally, eight (8) horizontal samples (H-1 through H-8) were collected every 50 lateral feet to horizontally define the excavation area. At each horizontal sample point, samples were collected at the surface and 0.5 ft bgs per NMAC 19.15.29.11.A.5.D. These samples were collected in place of composite confirmation sidewall samples as the excavation was less than 1.0 ft 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 Labs in Midland, Texas. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E. The excavation depths and confirmation sample locations are shown in Figure 3.

All final confirmation samples were below the regulatory requirements for TPH, BTEX, and Chloride. Refer to Table 1.

Once the remediation activities were completed, the excavated areas were backfilled with clean caliche material to surface grade. A composite sample of the backfill material was collected for laboratory analysis on June 10, 2026 before being utilized. The backfill material was sourced stockpiled material on the east side of the well pad. Refer to Table 1. Approximately 2,950 square feet of contamination was remediated, resulting in 60 cubic yards of material being excavated and transported offsite for proper disposal.

#### **5.0 Site Assessment Activities**

Following confirmation sampling activities, on June 10, 2026, Carmona Resources performed site assessment activities to evaluate soil impacts stemming from the release under the lined containment. Four (4) sample points (S-1 through S-4) were installed from the surface to a depth of 1.5 ft bgs to evaluate the vertical extent of the release beneath the containment. After samples were collected through the existing liner breach and additional access points were created beneath the containment, the liner was repaired to restore containment integrity and prevent future releases from escaping beneath the system. See Figure 4 for the soil sample locations throughout the containment area. 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 Labs in Midland, Texas. All collected samples were analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 300.0. Copies of laboratory analysis and chain-of-custody documentation are included in Appendix E.

##### **Vertical Delineation**

Vertical delineation was achieved in the areas of S-1 through S-4 for Benzene, total BTEX, TPH, and Chloride concentrations.

##### **Deferment Area**

The area underneath the secondary containment will be deferred per 19.15.29.12.C.2 NMAC. To remove all contaminated material, major facility deconstruction would have to take place. Removing soil within that area could potentially cause structural instability and might result in additional releases in the future, as backfill material can shift and settle over time. The deferred area is defined within the sample points, S-1 through S-4. Approximately 2,300 square feet, underneath the secondary containment, will be assessed and remediated during plugging and abandonment activities or when equipment is removed. Based on the results of the site assessment, the estimated volume of impacted material remaining onsite and deferred for remediation until plugging and abandonment activities is approximately 130 cubic yards, based on an excavation depth of 1.5 ft bgs. Refer to Table 2 and Figure 4.



**6.0 Conclusions**

Based on the area, safety, and active facility equipment, Coterra requests to defer the TPH and BTEX impact underneath the secondary containment. The site has been fully delineated by way of vertical delineation samples during confirmation sampling to satisfy the requirements of 19.15.29.12.C.2 NMAC. Remediation of the deferred area will be completed during plugging and abandonment activities or when equipment is removed, whichever comes first. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,  
**Carmona Resources, LLC**

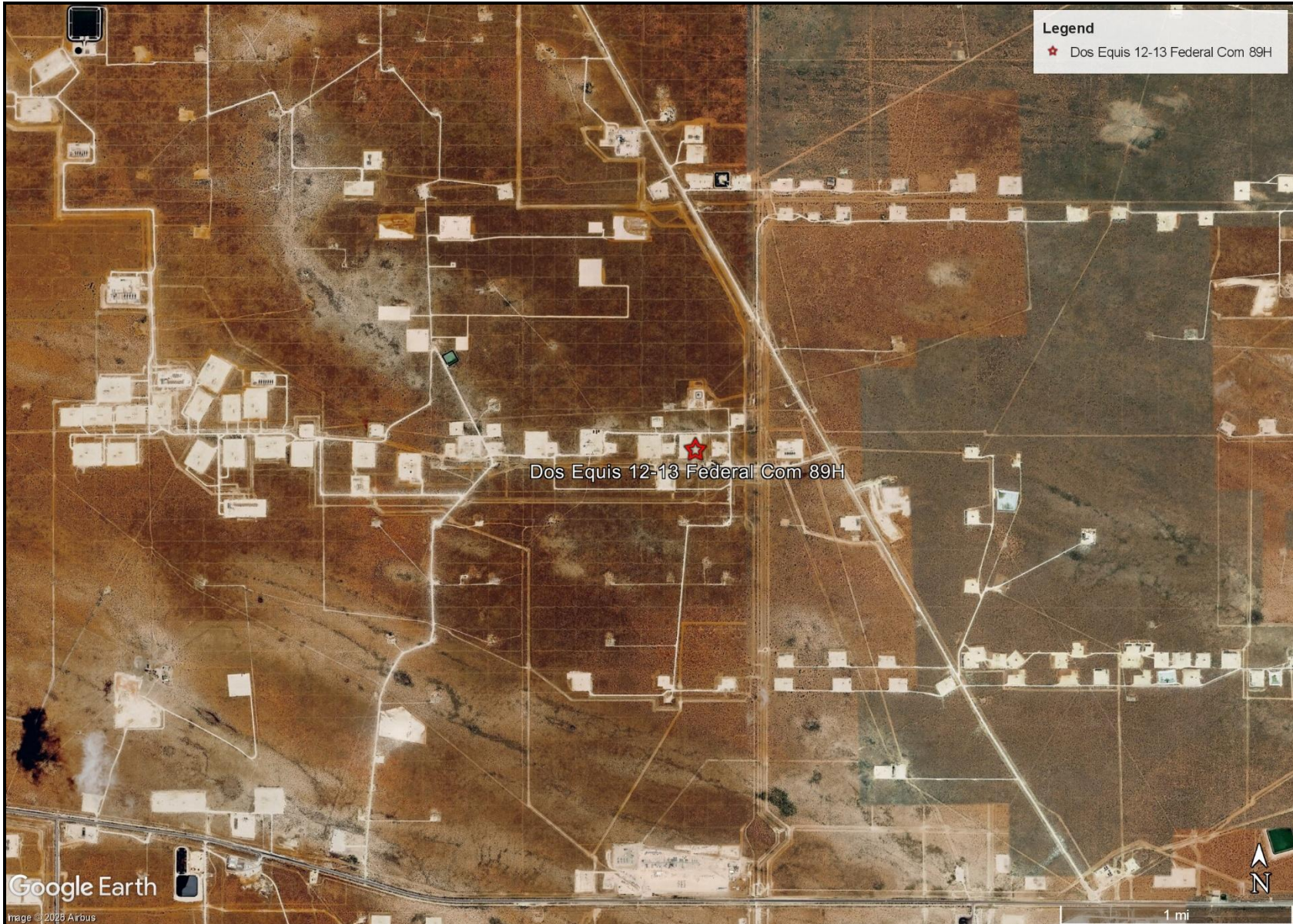
Ashton Thielke  
Environmental Manager

Gilbert Priego  
Project Manager

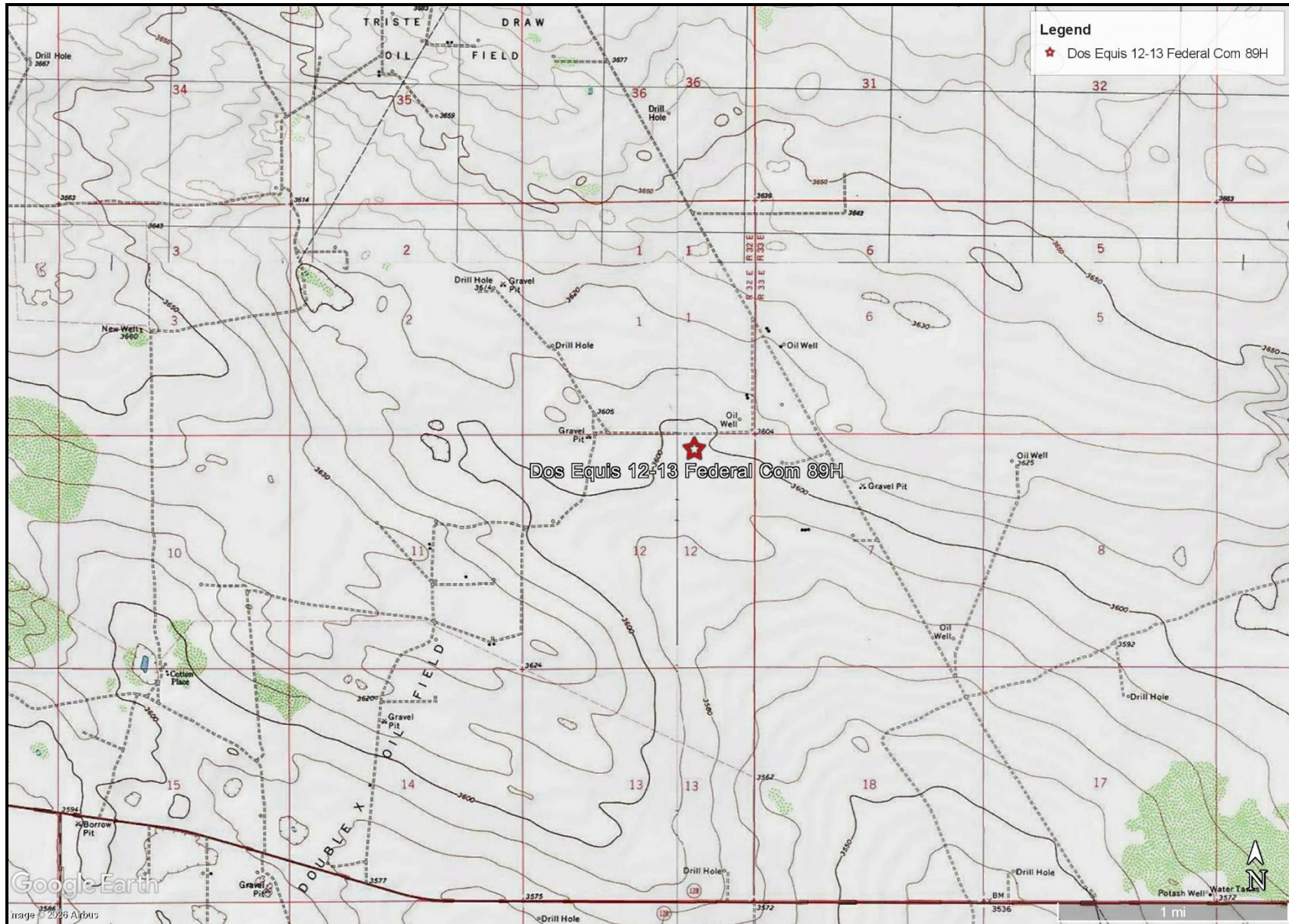
# FIGURES

CARMONA RESOURCES





<p>OVERVIEW MAP COTERRA ENERGY OPERATING CO. DOS EQUIS 12-13 FEDERAL COM 89H LEA COUNTY, NEW MEXICO 32.23852°, -103.62419°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
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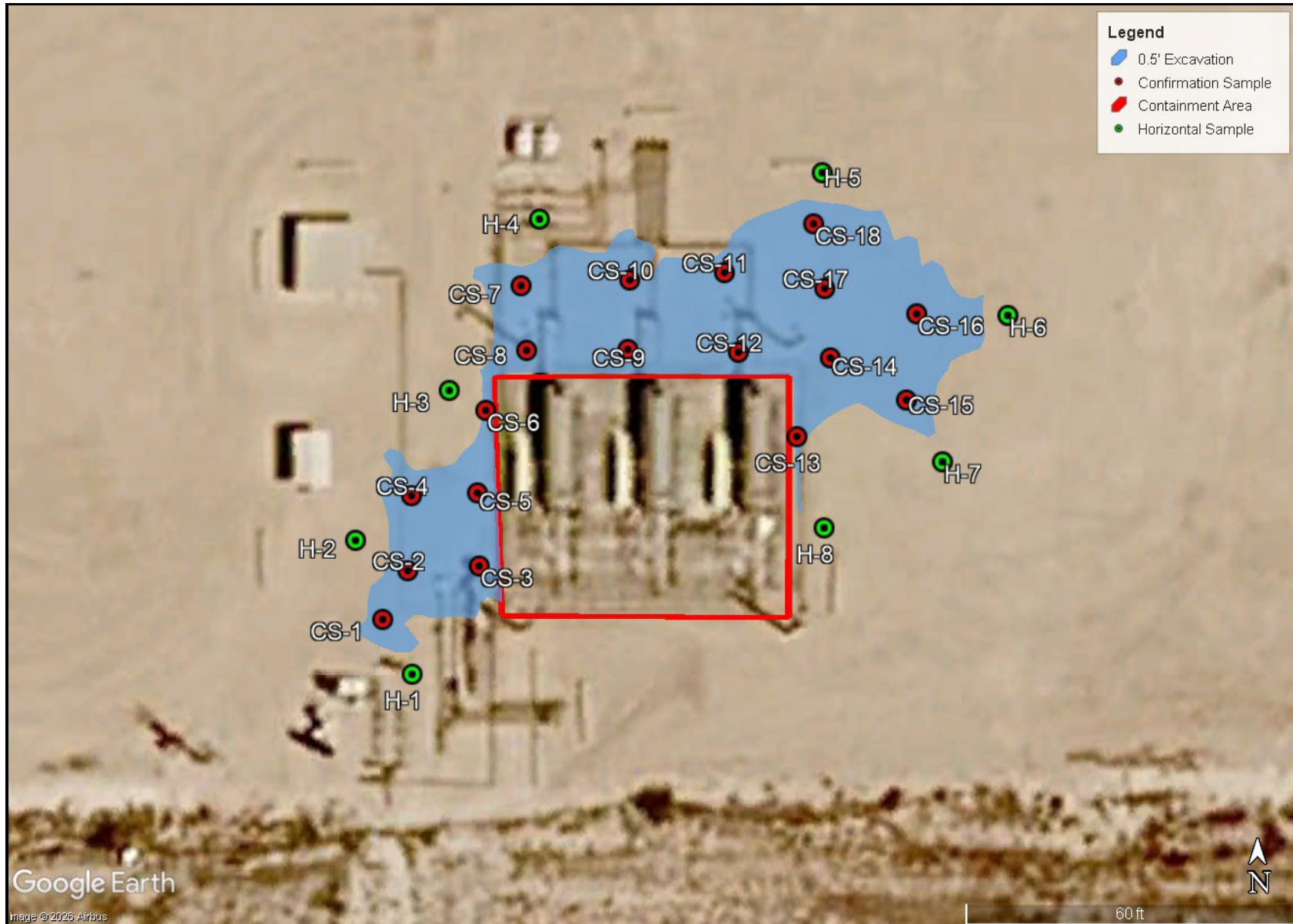


Google Earth  
mapa 2/23 Arbu12

TOPOGRAPHIC MAP  
COTERRA ENERGY OPERATING CO.  
DOS EQUIS 12-13 FEDERAL COM 89H  
LEA COUNTY, NEW MEXICO  
32.23852°, -103.62419°



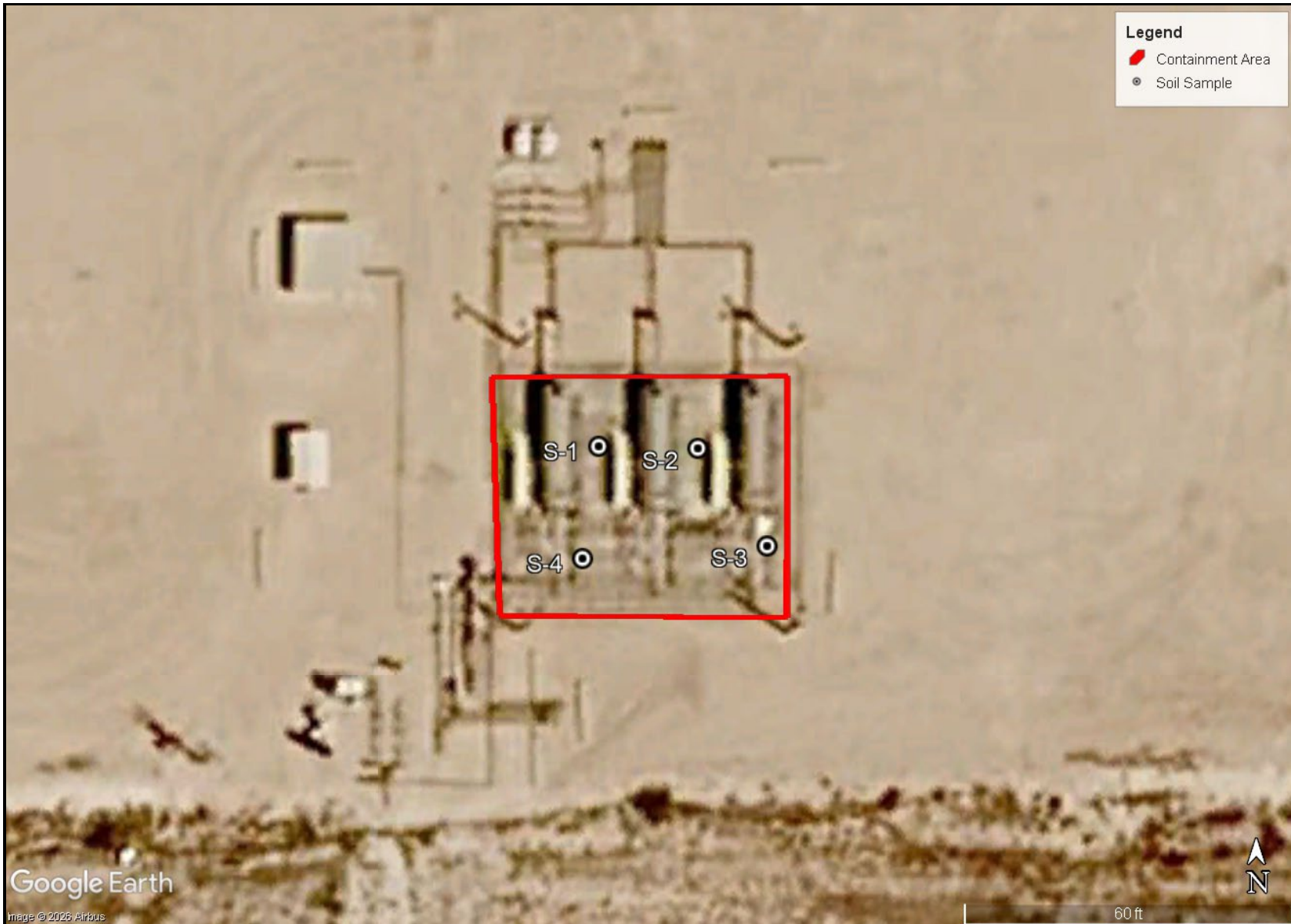
FIGURE 2



EXCAVATION DEPTH MAP  
COTERRA ENERGY OPERATING CO.  
DOS EQUIS 12-13 FEDERAL COM 89H  
LEA COUNTY, NEW MEXICO  
32.23852°, -103.62419°



FIGURE 3



<p>DEFERRAL AREA MAP COTERRA ENERGY OPERATING CO. DOS EQUIS 12-13 FEDERAL COM 89H LEA COUNTY, NEW MEXICO 32.23852°, -103.62419°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 4</p>
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# APPENDIX A

CARMONA RESOURCES



**Table 1  
Coterra Energy Operating Co.  
Dos Equis 12-13 Fed Com #089H  
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	6/10/2026	0.5'	<49.9	379	<49.9	379	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	374
CS-2	6/10/2026	0.5'	<50.0	215	<50.0	215	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	244
CS-3	6/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	94.3
CS-4	6/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	524
CS-5	6/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	68.3
CS-6	6/10/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	546
CS-7	6/10/2026	0.5'	<49.9	52.0	<49.9	52.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	313
CS-8	6/10/2026	0.5'	<49.8	139	<49.8	139	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	200
CS-9	6/10/2026	0.5'	<50.0	106	<50.0	106	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	291
CS-10	6/10/2026	0.5'	<50.1	294	70.9	365	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	214
CS-11	6/10/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	530
CS-12	6/10/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	90.9
CS-13	6/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	205
CS-14	6/10/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	344
CS-15	6/10/2026	0.5'	<49.9	190	<49.9	190	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	224
CS-16	6/10/2026	0.5'	<50.0	181	<50.0	181	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	264
CS-17	6/10/2026	0.5'	<50.1	130	<50.1	130	0.00843	0.0359	0.00326	0.0114	0.0590	218
CS-18	6/10/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	0.00322	<0.00202	<0.00404	<0.00404	90.4
<b>Regulatory Criteria<sup>A</sup></b>			<b>1,000 mg/kg</b>			<b>2,500 mg/kg</b>	<b>10 mg/kg</b>				<b>50 mg/kg</b>	<b>20,000 mg/kg</b>

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


**Table 1  
Coterra Energy Operating Co.  
Dos Equis 12-13 Fed Com #089H  
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	6/10/2026	Surface	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
	"	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
H-2	6/10/2026	Surface	<50.0	<50.0	50.7	50.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<10.0
	"	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
H-3	6/10/2026	Surface	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<9.92
	"	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
H-4	6/10/2026	Surface	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	19.6
	"	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	14.3
H-5	6/10/2026	Surface	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.94
	"	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.92
H-6	6/10/2026	Surface	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<9.98
	"	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<10.0
H-7	6/10/2026	Surface	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	13.7
	"	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<9.98
H-8	6/10/2026	Surface	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<10.0
	"	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<9.92
<b>Backfill</b>	6/10/2026	-	<50.0	<50.0	<50.0	<50.0	<0.00199	0.00471	<0.00199	<0.00398	0.00471	10.8
<b>Regulatory Criteria<sup>A</sup></b>							<b>100 mg/kg</b>	<b>10 mg/kg</b>			<b>50 mg/kg</b>	<b>600 mg/kg</b>

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

**Table 2  
Coterra Energy Operating Co.  
Dos Equis 12-13 Fed Com #089H  
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						
S-1	6/10/2026	Surface	1,940	4,350	402	6,690	1.73	49.3	22.9	101	175	6,230
	"	1.0'	3,470	6,910	468	10,800	5.74	76.8	32.3	156	262	7,310
	"	1.5'	<49.8	88.3	89.8	178	<0.0199	0.170	0.0726	0.560	0.803	1,310
S-2	6/10/2026	Surface	4,520	8,710	591	13,800	13.0	142	44.0	219	418	1,660
	"	1.0'	6,290	11,100	873	18,300	12.0	163	53.0	272	500	746
	"	1.5'	72.1	132	92.9	297	0.00374	0.0177	0.00303	0.0148	0.0393	1,390
S-3	6/10/2026	Surface	<50.0	<50.0	<50.0	<50.0	0.00222	0.00834	<0.00200	0.00487	0.0154	232
	"	1.0'	<49.9	<49.9	<49.9	<49.9	0.00528	0.0144	<0.00199	0.00730	0.0270	327
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	0.0152	<0.00200	0.00866	0.0239	1,420
S-4	6/10/2026	Surface	2,700	5,310	499	8,510	4.05	63.8	27.0	126	223	329
	"	1.0'	2,720	4,890	451	8,060	5.06	92.3	27.3	162	276	4,340
	"	1.5'	<50.0	82.1	203	285	<0.0199	<0.0199	<0.0199	<0.0398	<0.0398	1,500
<b>Regulatory Criteria<sup>A</sup></b>			1,000 mg/kg			2,500 mg/kg	10 mg/kg			50 mg/kg	20,000 mg/kg	

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

## APPENDIX B

CARMONA RESOURCES



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

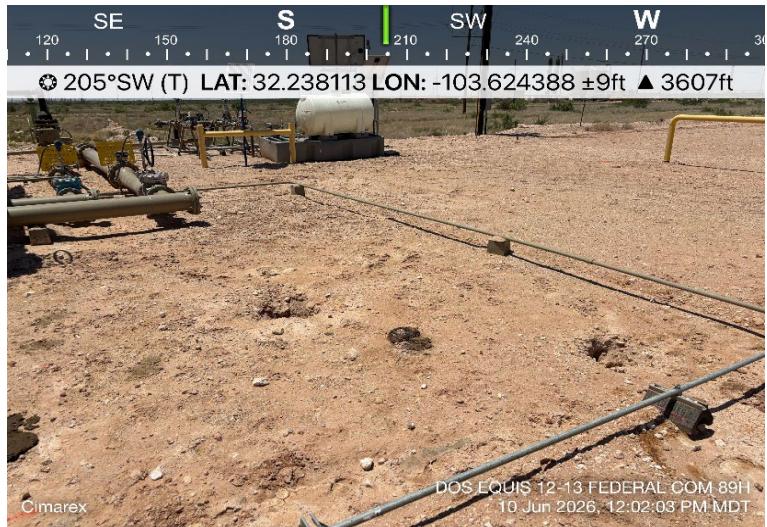
### Photograph No. 1

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View South, area of CS-1 through CS-6. Area was hydrovacc'd due to lack of access for mechanical equipment.



### Photograph No. 2

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View East, area of CS-1 through CS-6. Area was hydrovacc'd due to lack of access for mechanical equipment.



### Photograph No. 3

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View South, area of CS-3 through CS-9. Area was hydrovacc'd due to lack of access for mechanical equipment.



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

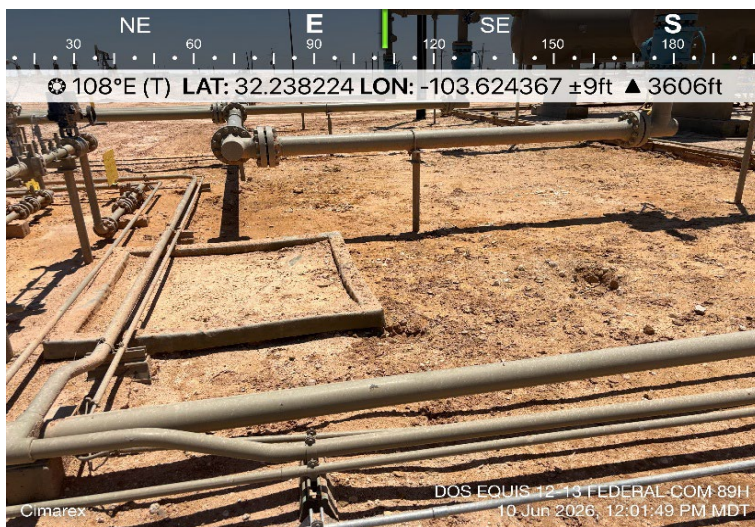
### Photograph No. 4

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View East, area of CS-7 through CS-12. Area was hydrovacc'd due to lack of access for mechanical equipment.



### Photograph No. 5

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View Southwest, area of CS-7 through CS-12. Area was hydrovacc'd due to lack of access for mechanical equipment.



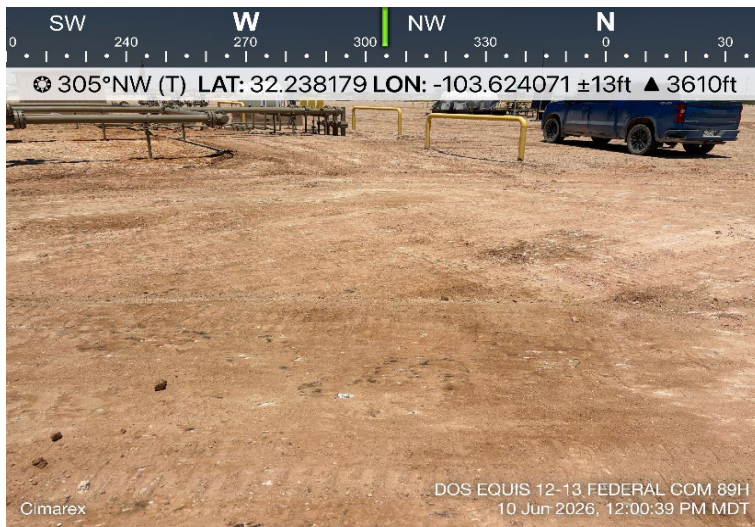
### Photograph No. 6

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View Northwest, area of CS-11 through CS-18. Area was scraped with mechanical equipment.



# PHOTOGRAPHIC LOG

## Coterra Energy Operating Co.

### Photograph No. 7

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View South, area of CS-11 through CS-18. Area was scraped with mechanical equipment.



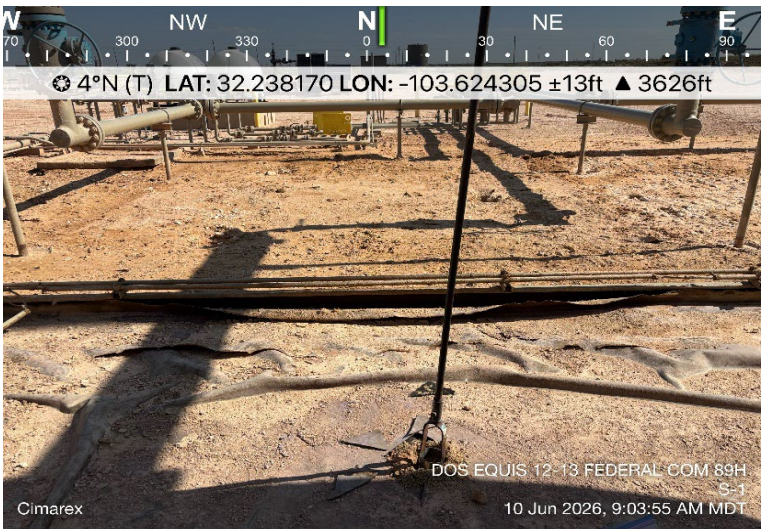
### Photograph No. 8

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View North of the area of S-1.



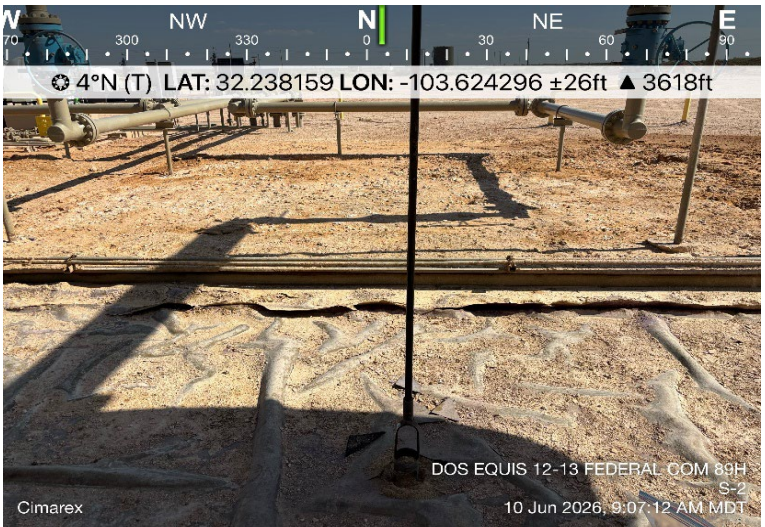
### Photograph No. 9

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**

View North of the area of S-2.



# PHOTOGRAPHIC LOG

Coterra Energy Operating Co.

## Photograph No. 10

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**  
View South of the area of S-3.

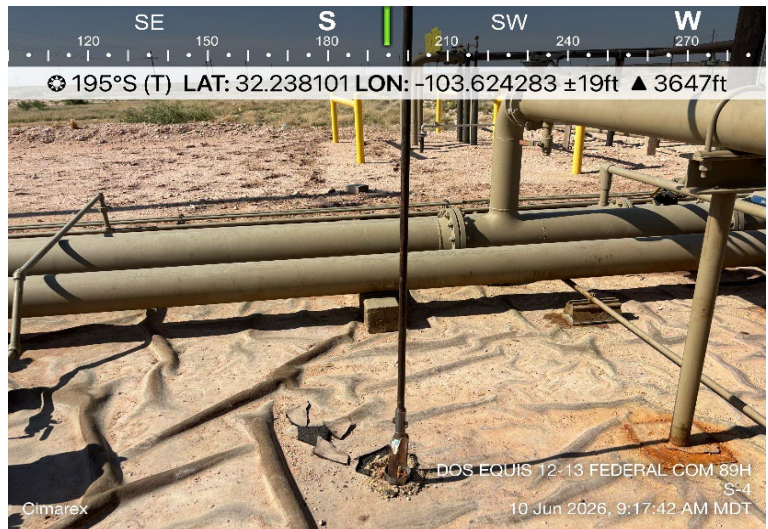


## Photograph No. 11

**Facility:** DOS EQUIS 12-13 FEDERAL COM #089H (05.27.2026)

**County:** Lea County, New Mexico

**Description:**  
View South of the area of S-4.



## APPENDIX C

CARMONA RESOURCES



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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS

Action 589422

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589422
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	DOS EQUIS 12-13 FEDERAL COM 89H
Date Release Discovered	05/27/2026
Surface Owner	Federal

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

<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: Other   Valve   Crude Oil   Released: 19 BBL   Recovered: 19 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other   Valve   Produced Water   Released: 47 BBL   Recovered: 45 BBL   Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Dos Equis 12-13 Federal Com 89H due to a 1/2" stainless steel ball valve on the water dump being partially open. The cause for the valve being open is currently under investigation. The incident resulted in the release of 65 barrels of crude oil and produced water mixture being released into the lined containment and onto the well pad. Approximately 63 barrels of fluids was recovered by vac trucks. The affected area will be surface scraped in the coming days, and an assessment and remediation plan will be scheduled in the coming weeks. Released: 19 barrels of crude oil + 47 barrels of produced water Recovered: 19 barrels of crude oil + 45 barrels of produced water

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**Santa Fe, NM 87505**

QUESTIONS, Page 2

Action 589422

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589422
	Action Type: [NOTIFY] Notification Of Release (NOR)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

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

*Per Paragraph 4 of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

ACKNOWLEDGMENTS

Action 589422

**ACKNOWLEDGMENTS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589422
	Action Type: [NOTIFY] Notification Of Release (NOR)

**ACKNOWLEDGMENTS**

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

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**Santa Fe, NM 87505**

CONDITIONS

Action 589422

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589422
	Action Type: [NOTIFY] Notification Of Release (NOR)

**CONDITIONS**

Created By	Condition	Condition Date
lluig	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	5/28/2026



COTERRA ENERGY  
DOS EQUIS 12-13  
FEDERAL COM 89H  
LEA, NM

### ON PAD

### IN CONTAINMENT

2:01 5G

**Standing Liquid**

Enter the spill dimensions below to calculate water, oil, and total volume.

**Spill Name**

**Dimensions**

L (Ft)	W (Ft)	D (In)	Oil %
<input type="text" value="70"/>	<input type="text" value="16"/>	<input type="text" value=".5"/>	<input type="text" value="30"/>

H <sub>2</sub> O Spill Total	5.82 Bbls
Oil Spill Total	2.49 Bbls
Total Spilled	8.31 Bbls
Total Spilled	349.07 Gals

**Save This Section**

Use this after entering the spill name and dimensions. This saves the current standing liquid calculation into Saved Spills as a spill section.

2:00 5G

**Standing Liquid**

Enter the spill dimensions below to calculate water, oil, and total volume.

**Spill Name**

**Dimensions**

L (Ft)	W (Ft)	D (In)	Oil %
<input type="text" value="50"/>	<input type="text" value="40"/>	<input type="text" value="2"/>	<input type="text" value="30"/>

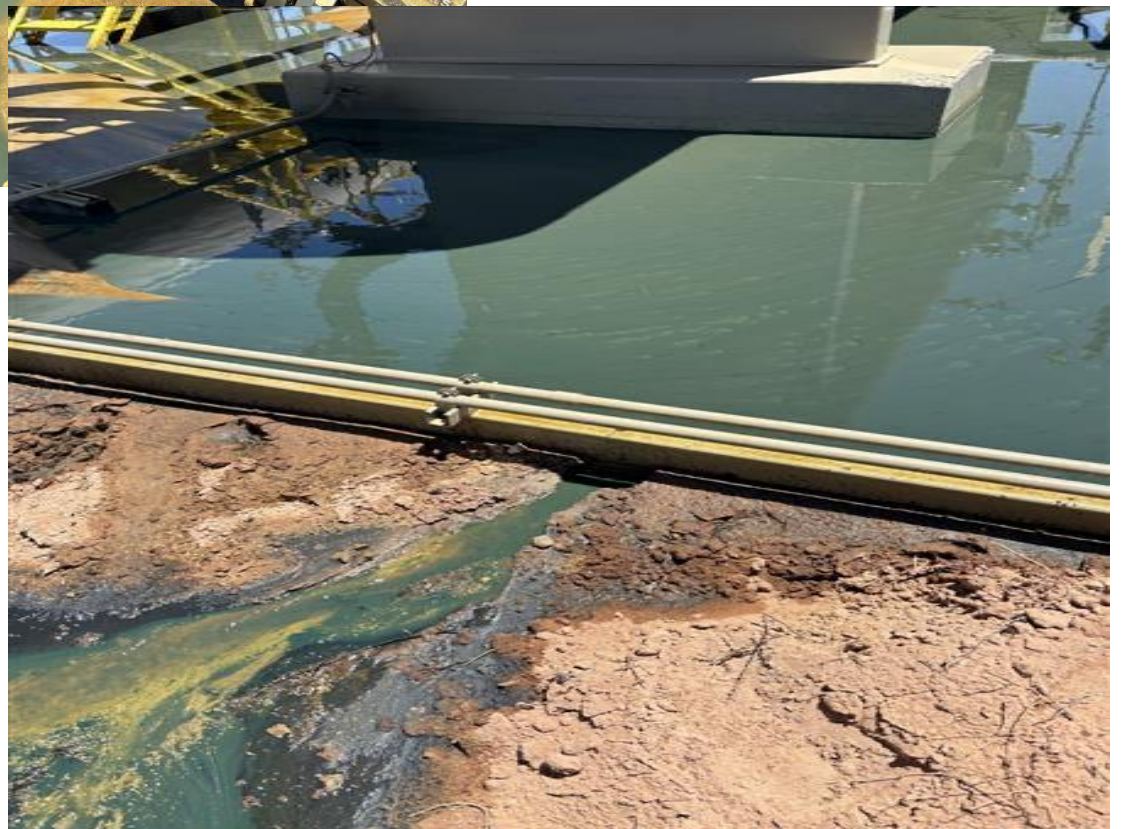
H <sub>2</sub> O Spill Total	41.56 Bbls
Oil Spill Total	17.81 Bbls
Total Spilled	59.37 Bbls
Total Spilled	2493.33 Gals

**Save This Section**

Use this after entering the spill name and dimensions. This saves the current standing liquid calculation into Saved Spills as a spill section.

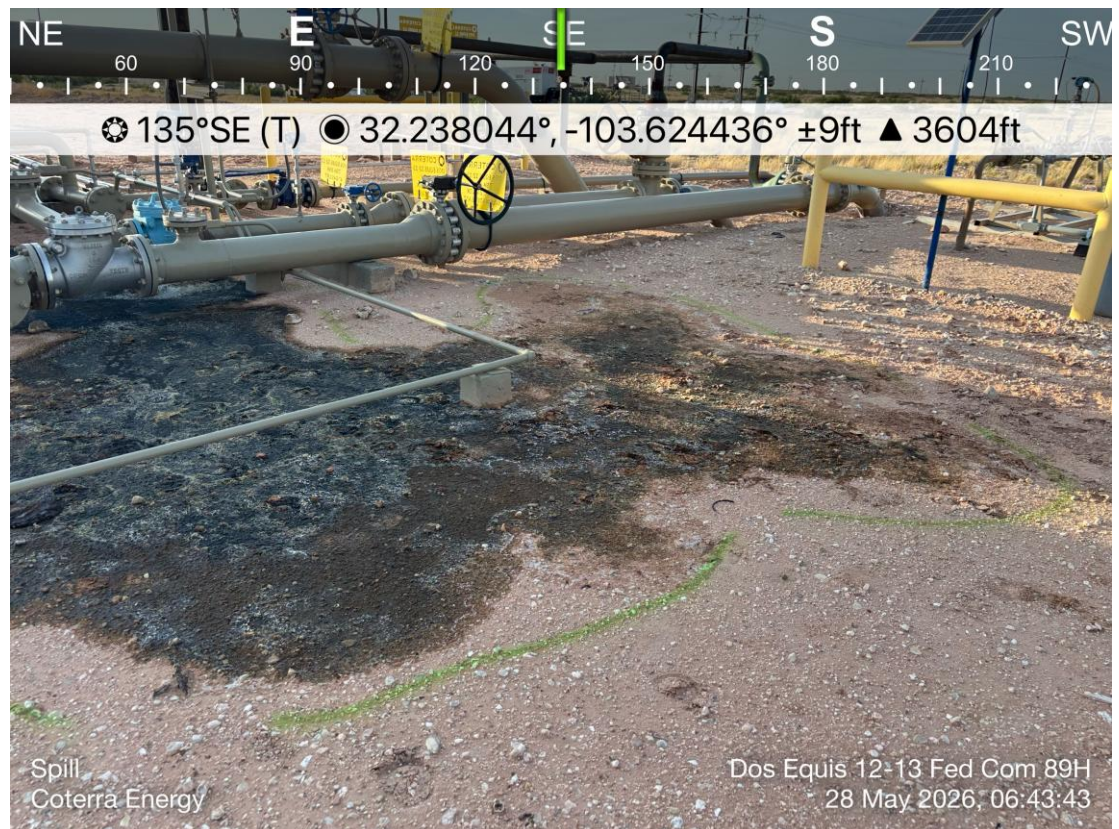


COTERRA ENERGY  
DOS EQUIS 12-13  
FEDERAL COM 89H  
LEA, NM



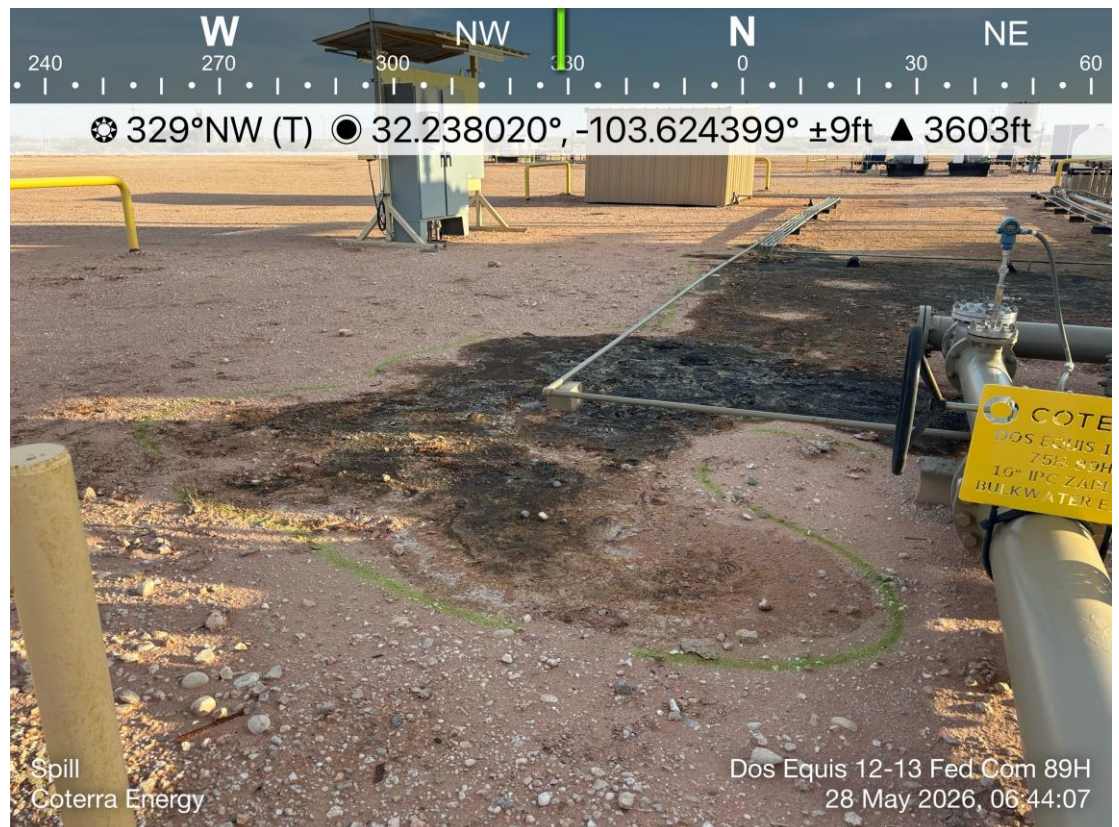
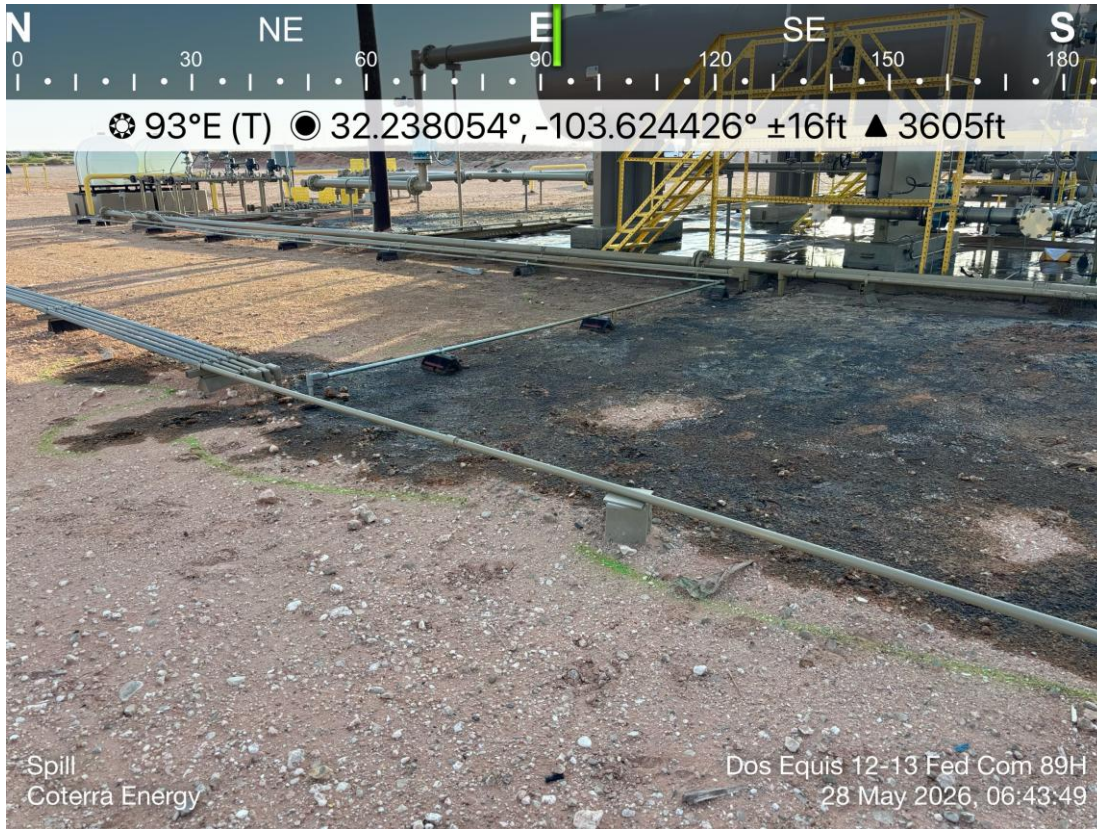


COTERRA ENERGY  
DOS EQUIS 12-13  
FEDERAL COM 89H  
LEA, NM



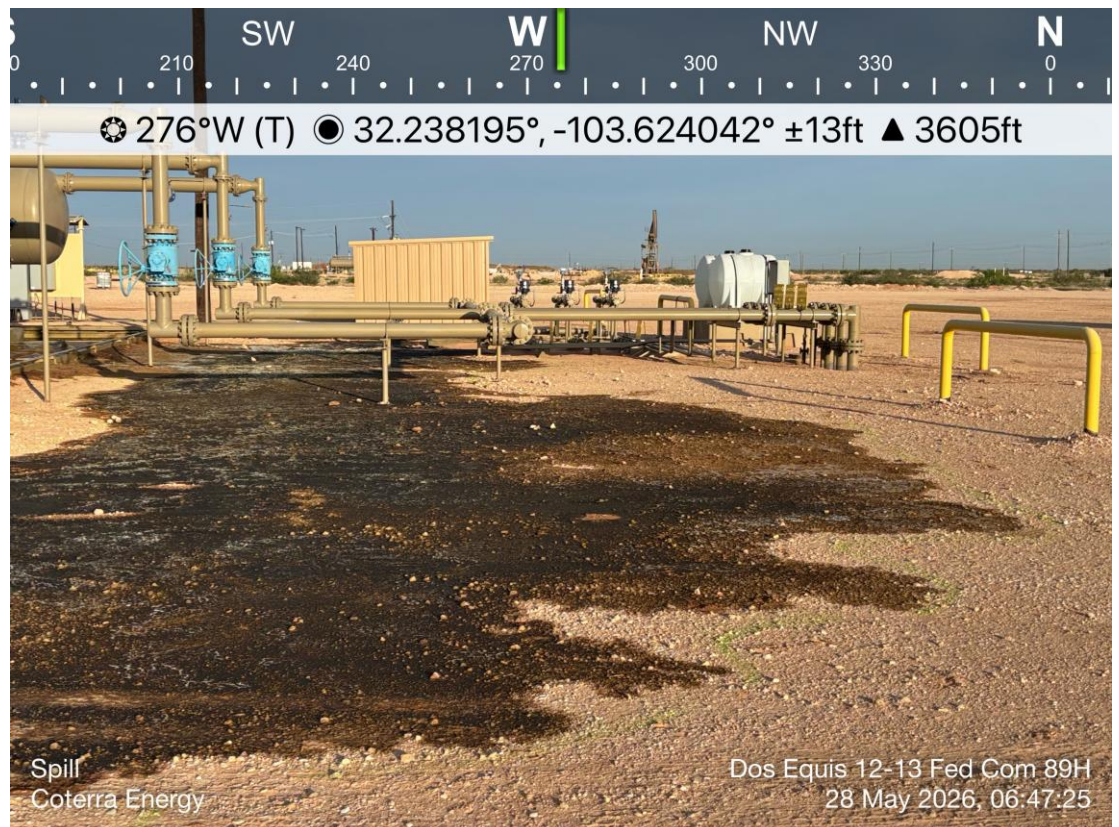
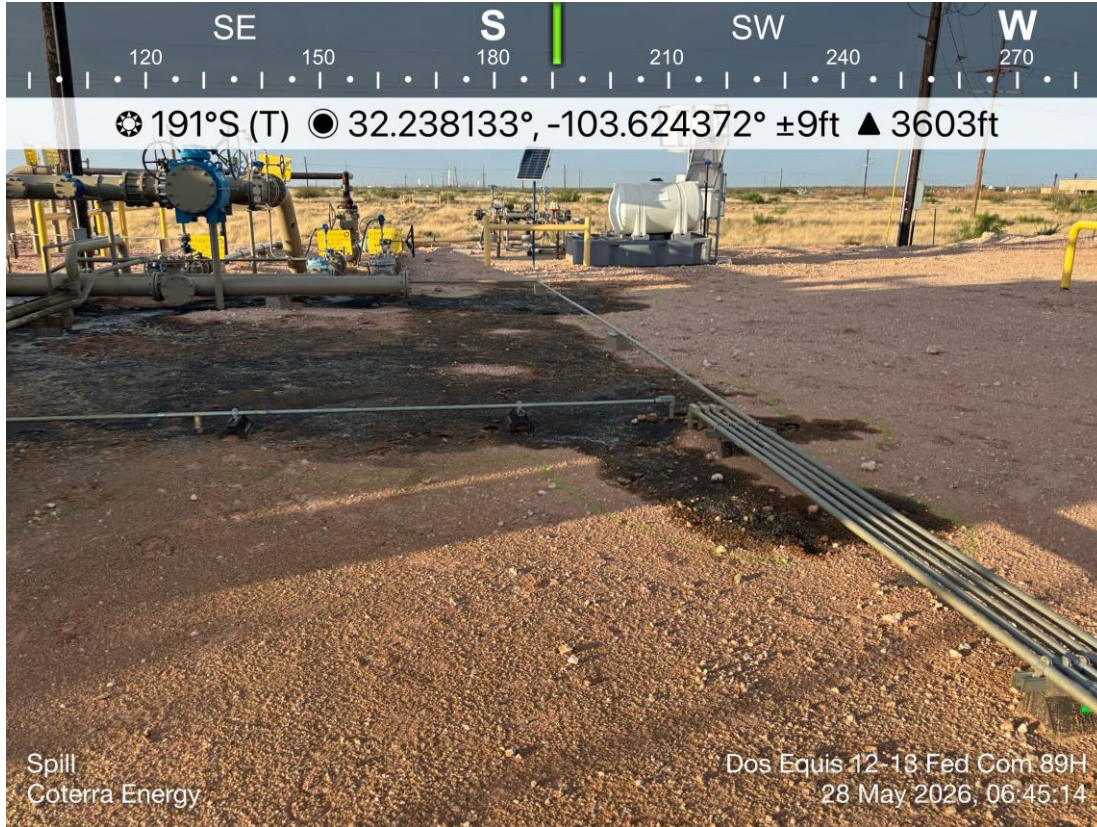


COTERRA ENERGY  
DOS EQUIS 12-13  
FEDERAL COM 89H  
LEA, NM



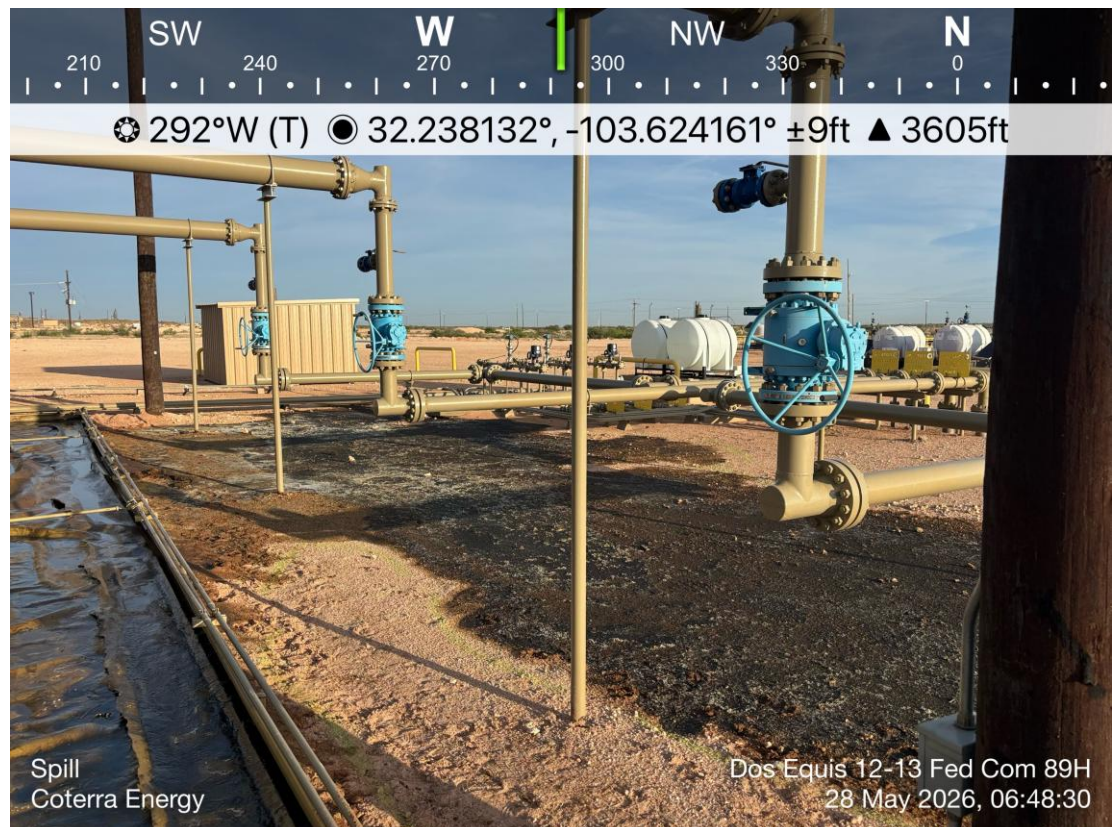
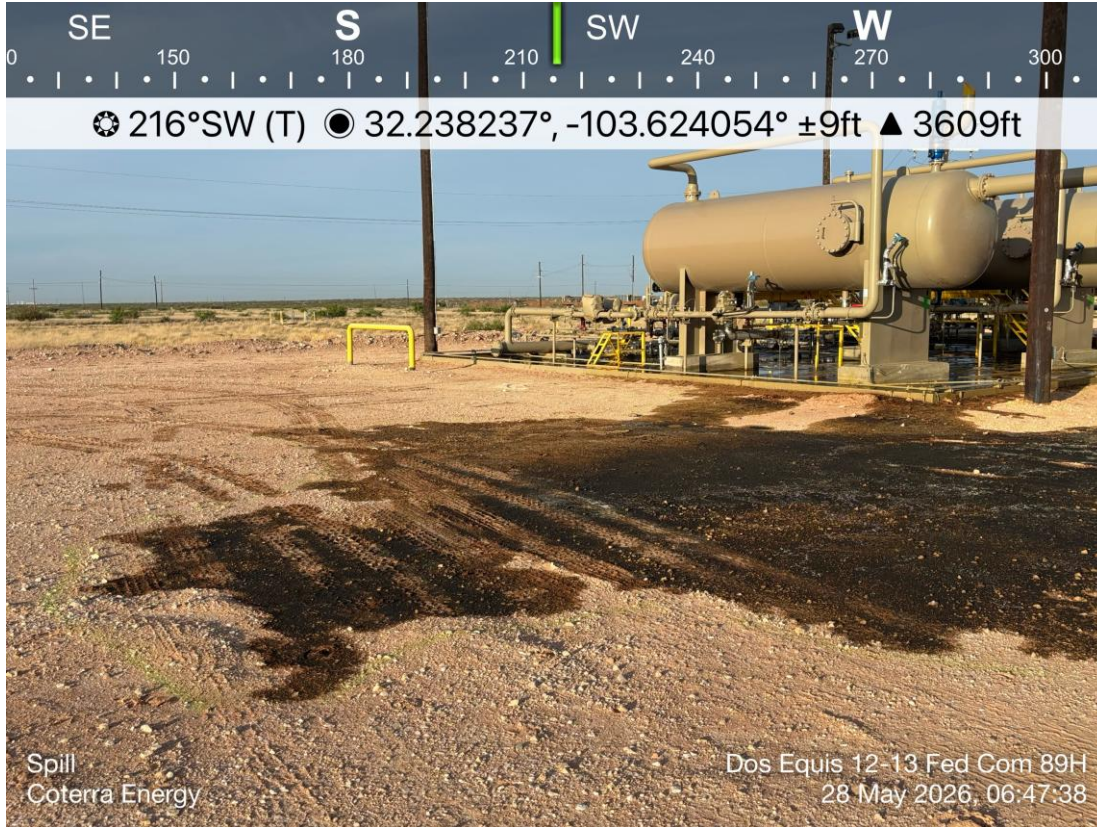


COTERRA ENERGY  
DOS EQUIS 12-13  
FEDERAL COM 89H  
LEA, NM





COTERRA ENERGY  
DOS EQUIS 12-13  
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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS

Action 589975

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589975
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2614853841
Incident Name	NAPP2614853841 DOS EQUIS 12-13 FEDERAL COM 89H @ 30-025-50138
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-50138] DOS EQUIS 12 13 FEDERAL COM #089H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	DOS EQUIS 12-13 FEDERAL COM 89H
Date Release Discovered	05/27/2026
Surface Owner	Federal

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

<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: Other   Valve   Crude Oil   Released: 19 BBL   Recovered: 19 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other   Valve   Produced Water   Released: 47 BBL   Recovered: 45 BBL   Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Dos Equis 12-13 Federal Com 89H due to a 1/2" stainless steel ball valve on the water dump being partially open. The cause for the valve being open is currently under investigation. The incident resulted in the release of 65 barrels of crude oil and produced water mixture being released into the lined containment and onto the well pad. Approximately 63 barrels of fluids was recovered by vac trucks. The affected area will be surface scraped in the coming days, and an assessment and remediation plan will be scheduled in the coming weeks. Released: 19 barrels of crude oil + 47 barrels of produced water Recovered: 19 barrels of crude oil + 45 barrels of produced water

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

QUESTIONS, Page 2

Action 589975

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589975
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

**Initial Response**

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

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Laci Luig Title: ES&H Specialist Email: DL_PerminianEnvironmental@coterra.com Date: 05/29/2026
--	---

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**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 589975

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589975
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**QUESTIONS**

<b>Site Characterization</b>	
<i>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.</i>	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Not answered.
What method was used to determine the depth to ground water	Not answered.
Did this release impact groundwater or surface water	Not answered.
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Not answered.
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Not answered.
An occupied permanent residence, school, hospital, institution, or church	Not answered.
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Not answered.
Any other fresh water well or spring	Not answered.
Incorporated municipal boundaries or a defined municipal fresh water well field	Not answered.
A wetland	Not answered.
A subsurface mine	Not answered.
An (non-karst) unstable area	Not answered.
Categorize the risk of this well / site being in a karst geology	Not answered.
A 100-year floodplain	Not answered.
Did the release impact areas not on an exploration, development, production, or storage site	Not answered.

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

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CONDITIONS

Action 589975

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 589975
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

**CONDITIONS**

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. A remediation work plan, site characterization plan or remediation closure is due to the OCD no later than 90-days after the date of discovery, not to exceed 08/27/2026.	6/2/2026

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

QUESTIONS

Action 592480

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592480
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2614853841
Incident Name	NAPP2614853841 DOS EQUIS 12-13 FEDERAL COM 89H @ 30-025-50138
Incident Type	Produced Water Release
Incident Status	Initial C-141 Approved
Incident Well	[30-025-50138] DOS EQUIS 12 13 FEDERAL COM #089H

<b>Location of Release Source</b>	
Site Name	DOS EQUIS 12-13 FEDERAL COM 89H
Date Release Discovered	05/27/2026
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	2,900
What is the estimated number of samples that will be gathered	25
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/10/2026
Time sampling will commence	10:00 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources - 432-813-8988 Will be onsite to collect surface composite samples, horizontal samples, and vertical delineation samples throughout the lined containment that was breached during the release.
Please provide any information necessary for navigation to sampling site	32.23852,-103.62419

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

CONDITIONS

Action 592480

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 592480
	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.	6/5/2026
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.	6/5/2026

## APPENDIX D

CARMONA RESOURCES

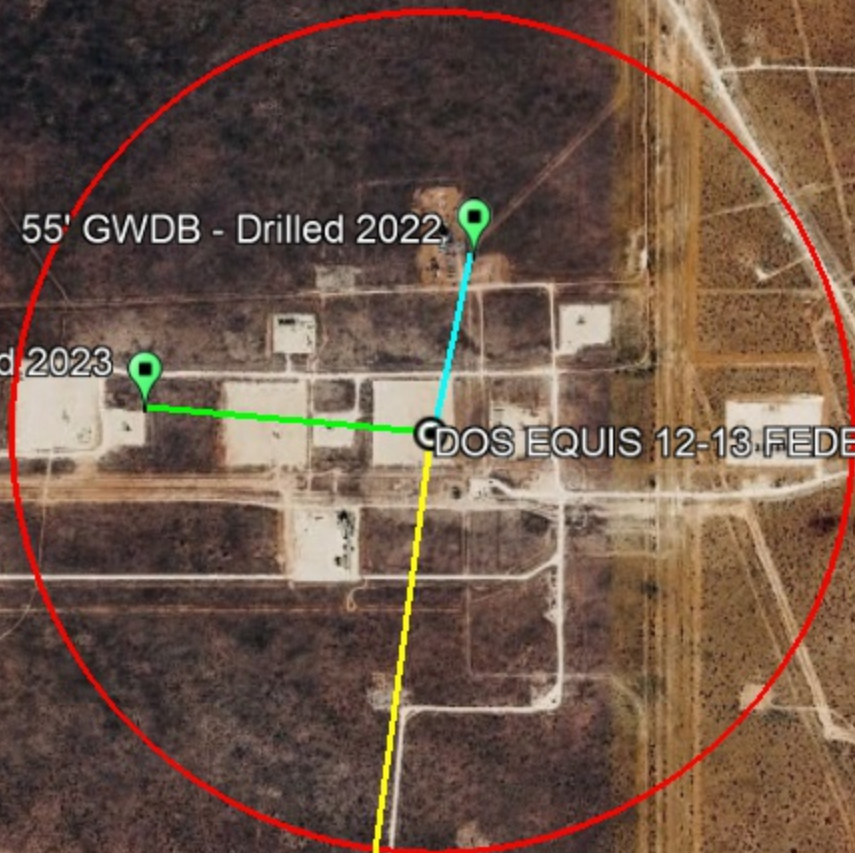


# Nearest water well

Coterra Energy Operating Co.

## Legend

- 0.22 Miles
- 0.34 Miles
- 0.50 Mile Radius
- 1.01 Miles
- DOS EQUIS 12-13 FEDERAL COM 89H (05.27.2026)
- Groundwater Determination Bore



55' GWDB - Drilled 2022

105' GWDB - Drilled 2023

DOS EQUIS 12-13 FEDERAL COM 89H (05.27.2026)

55' GWDB - Drilled 2021



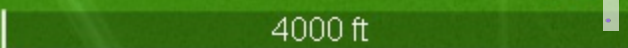
### Low Karst

Coterra Energy Operating Co.

**Legend**

-  DOS EQUIS 12-13 FEDERAL COM 89H (05.27.2026)
-  Low

DOS EQUIS 12-13 FEDERAL COM 89H (05.27.2026)





# New Mexico Office of the State Engineer

## Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
<a href="#">C 01932</a>		C	ED		SW	NW	12	24S	32E	628633.0	3567188.0 *	●	1114	492		
<a href="#">C 04551 POD1</a>		CUB	LE	SE	SE	SW	31	23S	33E	630671.0	3569556.5	●	2129			
<a href="#">C 03591 POD1</a>		CUB	LE	NE	NW	SE	05	24S	33E	632731.3	3568518.0	●	3215			
<a href="#">C 03565 POD3</a>		CUB	LE		SW	SE	08	24S	33E	632763.4	3566546.9	●	3349		1533	
<a href="#">C 05013 POD1</a>		CUB	LE	SW	SW	SE	30	23S	33E	630949.0	3571185.4	●	3725	105		
<a href="#">C 03528 POD1</a>		C	LE	NW	NW	NE	15	24S	32E	626040.4	3566129.5	●	3911	541	133	408
<a href="#">C 03527 POD1</a>		C	LE	NW	NE	SW	03	24S	32E	625769.7	3568487.2	●	3929	500		

Average Depth to Water: **833 feet**

Minimum Depth: **133 feet**

Maximum Depth: **1533 feet**

**Record Count:** 7

**UTM Filters (in meters):**

**Easting:** 629620.48

**Northing:** 3567704.61

**Radius:** 4000

\* UTM location was derived from PLSS - see Help

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

212C-MD-02921	<b>TETRA TECH</b>	<b>LOG OF BORING DTW</b>	Page 1 of 1
---------------	-------------------	--------------------------	----------------

Project Name: Shurvessa Interconnect Release

Borehole Location/GPS Coordinate: 32.241447, -103.623363      Surface Elevation: ft

Borehole Number: GWDB      Borehole Diameter (in.):      Date Started: 12/1/2022      Date Finished: 12/1/2022

DEPTH (ft)	OPERATION TYPE	SAMPLE	CHLORIDE FIELD SCREENING (ppm)	VOC FIELD SCREENING (ppm)	SAMPLE RECOVERY (%)	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	LIQUID LIMIT	PLASTICITY INDEX	MINUS NO. 200 (%)	GRAPHIC LOG	WATER LEVEL OBSERVATIONS			
												While Drilling	Upon Completion of Drilling	DEPTH (ft)	REMARKS
			ExStik	PID									WATER LEVEL OBSERVATIONS While Drilling <input checked="" type="checkbox"/> DRY ft    Upon Completion of Drilling <input checked="" type="checkbox"/> DRY ft  Remarks:		
5													<b>-SM-</b> TOPSOIL (Sand): Reddish brown, loose, dry	4	
8													<b>-SM-</b> SAND: Brown, loose, dry	8	
10													<b>-SM-</b> SAND: Brown to reddish brown, medium dense, dry, moderately cemented, with frequent clay seams	20	
20													<b>-SM-</b> SAND: Brown, very loose, dry, trace gravel		
40													-- Transitions to with occasional cemented layers		
55														55	

Bottom of borehole at 55.0 feet.

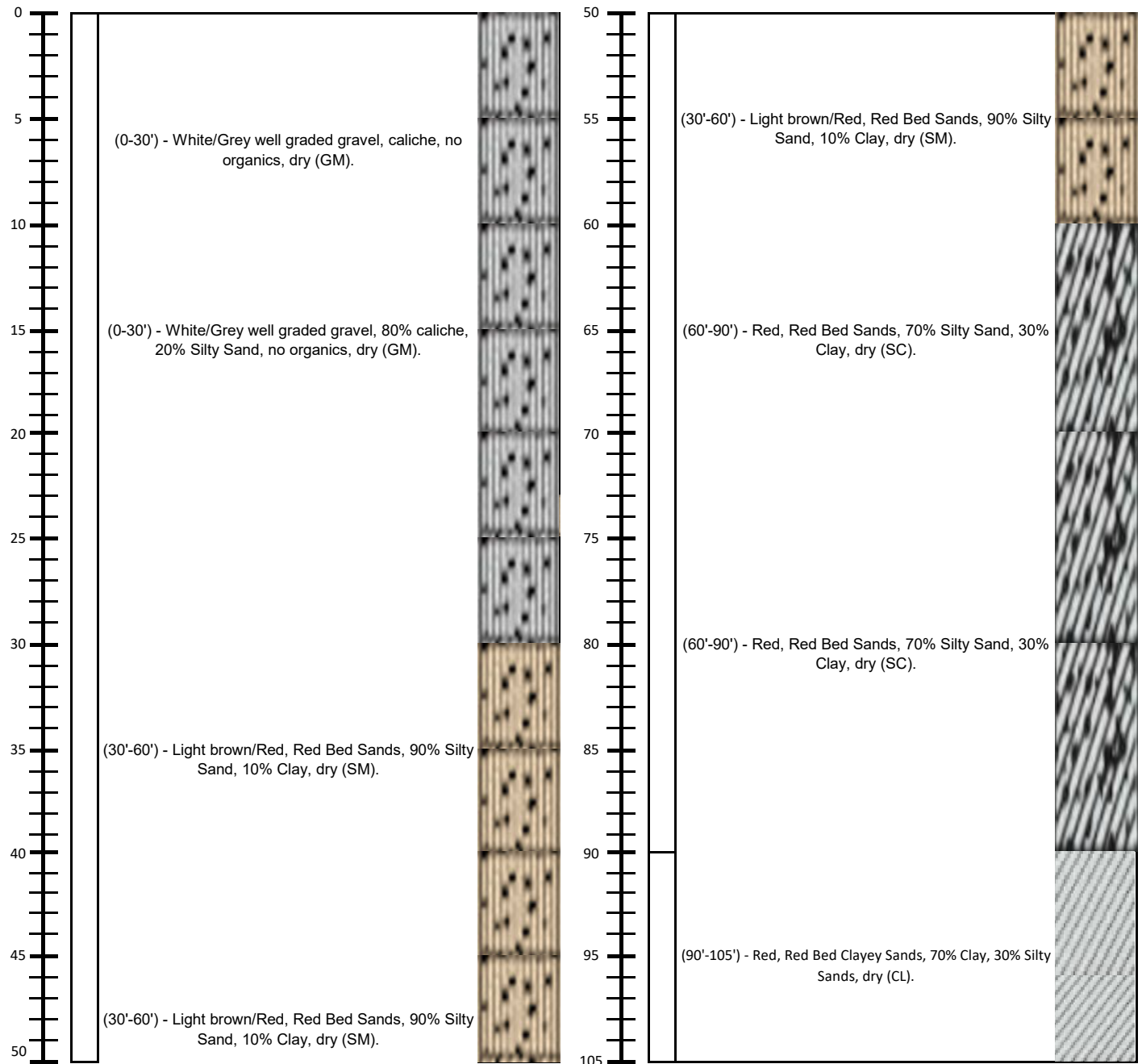
<b>Sampler Types:</b> <input checked="" type="checkbox"/> Split Spoon <input checked="" type="checkbox"/> Shelby <input checked="" type="checkbox"/> Bulk Sample <input checked="" type="checkbox"/> Grab Sample <input type="checkbox"/> Acetate Liner <input type="checkbox"/> Vane Shear <input checked="" type="checkbox"/> Discrete Sample <input type="checkbox"/> Test Pit	<b>Operation Types:</b> <input checked="" type="checkbox"/> Mud Rotary <input checked="" type="checkbox"/> Continuous Flight Auger <input checked="" type="checkbox"/> Wash Rotary <input type="checkbox"/> Hand Auger <input type="checkbox"/> Air Rotary <input type="checkbox"/> Direct Push <input type="checkbox"/> Core Barrel	<b>Notes:</b> Surface elevation is an estimated value from Google Earth data.
---	---	--

Logger: Joe Tyler      Drilling Equipment: Air Rotary      Driller: Scarborough Drilling



Project Name :	<u>Dos Equis 12 Federal Com 3H</u>	Date :	<u>Thursday, April 6, 2023</u>
Project No. :	<u></u>	Sampler :	<u>Michael Collier</u>
Location :	<u>Lea County, New Mexico</u>	Driller :	<u>H&amp;R Enterprises</u>
Coordinates :	<u>32.238879°, -103.63003°</u>	Method :	<u>Air Rotary</u>
Elevation :	<u>3,606'</u>		

Depth (ft.)	WL	Soil Description	Lithology	Depth (ft.)	WL	Soil Description	Lithology
-------------	----	------------------	-----------	-------------	----	------------------	-----------

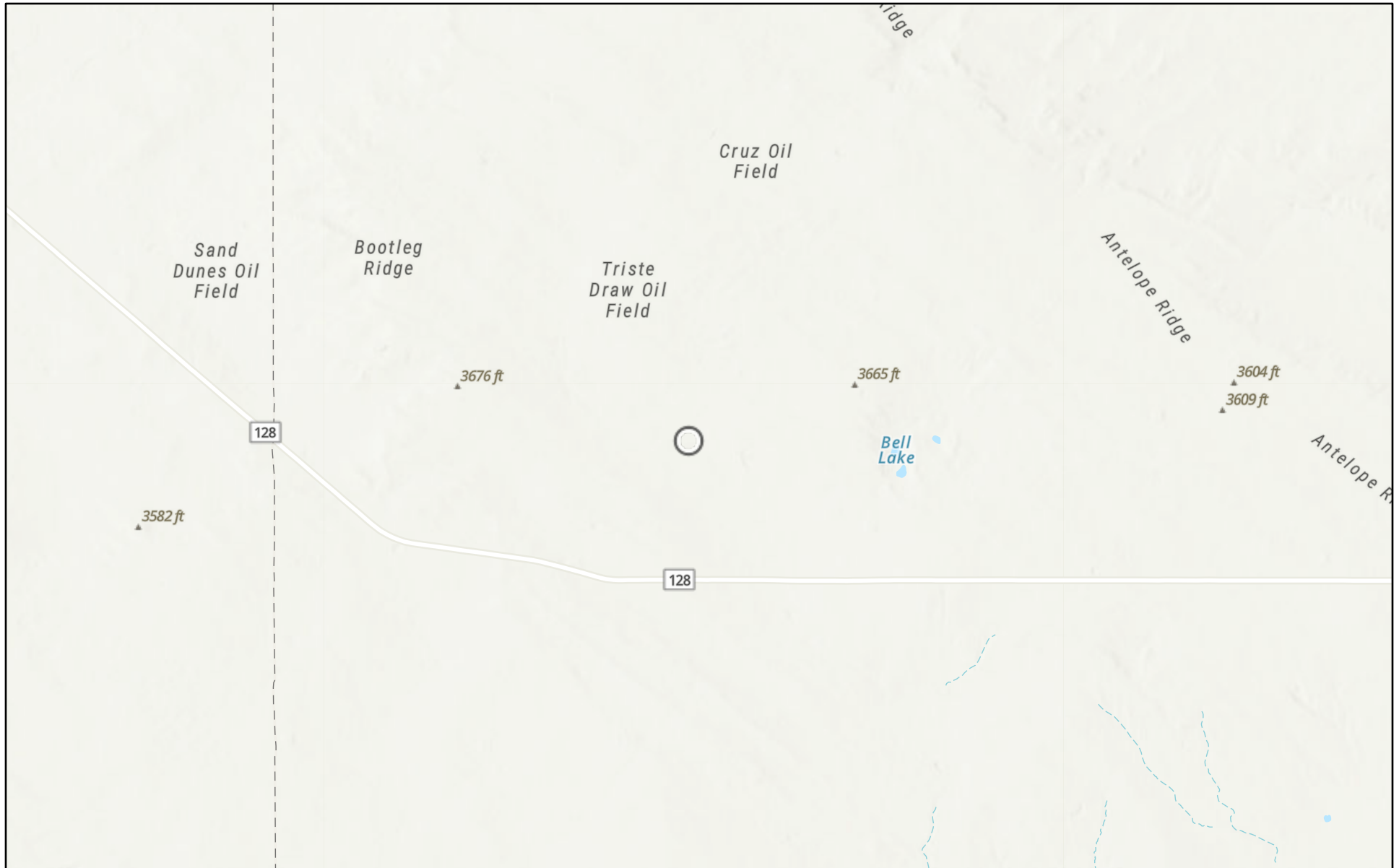


Comments : Boring terminated at 105' with no presence of groundwater or moisture.  
Well measured 4/10/2023 with no detection of groundwater

**Dry @ 105'**

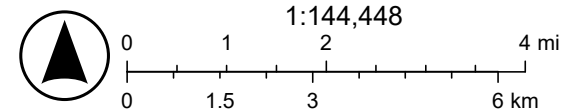


# DOS EQUIS 12-13 FEDERAL COM 89H



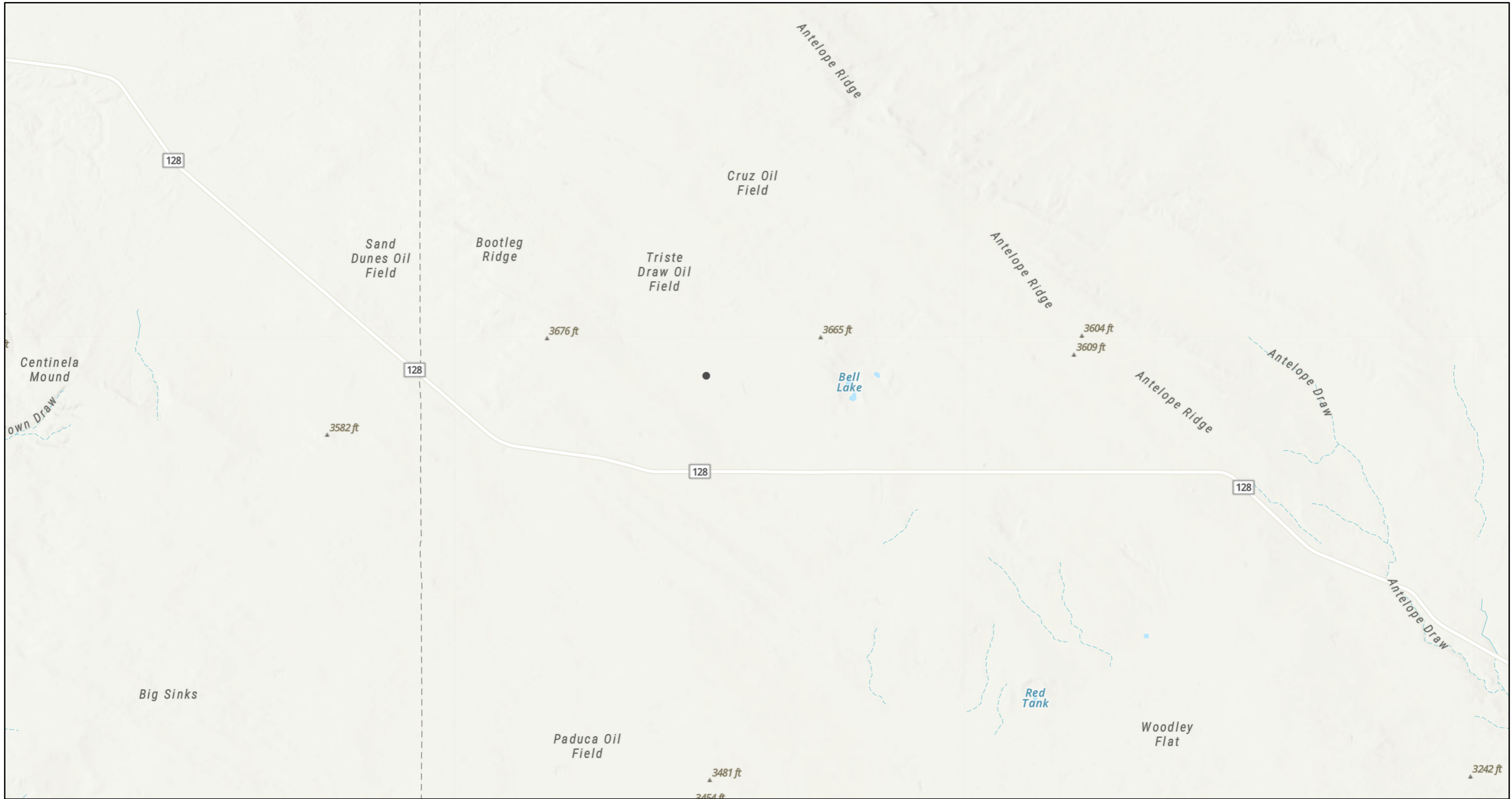
5/28/2026

World\_Hillshade



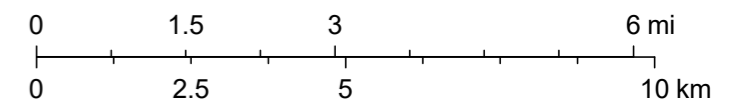
Source: FEMA, Esri, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Esri, NASA,

# DOS EQUIS 12-13 FEDERAL COM 89H (05.27.2026)



5/29/2026, 8:18:14 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**

DOS EQUIS 12-13 FEDERAL COM 89H (0



May 29, 2026

**Wetlands**

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

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

# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/15/2026 3:33:49 PM

## JOB DESCRIPTION

Dos Equis 12-13 Fed Com 89H  
 Lea County New Mexico

## JOB NUMBER

890-10069-1

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  
6/15/2026 3:33:49 PM

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

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

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Laboratory Job ID: 890-10069-1  
SDG: Lea County New Mexico

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	21
QC Sample Results . . . . .	23
QC Association Summary . . . . .	33
Lab Chronicle . . . . .	39
Certification Summary . . . . .	45
Method Summary . . . . .	46
Sample Summary . . . . .	47
Chain of Custody . . . . .	48
Receipt Checklists . . . . .	52

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

## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
SDG: Lea County New Mexico

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
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
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: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1

**Job ID: 890-10069-1**

**Eurofins Carlsbad**

### Job Narrative 890-10069-1

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 6/10/2026 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1 (0.5) (890-10069-1), CS-2 (0.5) (890-10069-2), CS-3 (0.5) (890-10069-3), CS-4 (0.5) (890-10069-4), CS-5 (0.5) (890-10069-5), CS-6 (0.5) (890-10069-6), CS-7 (0.5) (890-10069-7), CS-8 (0.5) (890-10069-8), CS-9 (0.5) (890-10069-9), CS-10 (0.5) (890-10069-10), CS-11 (0.5) (890-10069-11), CS-12 (0.5) (890-10069-12), CS-13 (0.5) (890-10069-13), CS-14 (0.5) (890-10069-14), CS-15 (0.5) (890-10069-15), CS-16 (0.5) (890-10069-16), CS-17 (0.5) (890-10069-17) and CS-18 (0.5) (890-10069-18).

### GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-2 (0.5) (890-10069-2), CS-5 (0.5) (890-10069-5), CS-6 (0.5) (890-10069-6) and CS-10 (0.5) (890-10069-10). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143434 and analytical batch 880-143346 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The laboratory control sample duplicate (LCSD) associated with preparation batch 880-143488 and analytical batch 880-143484 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.

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: Surrogate recovery for the following samples were outside control limits: CS-2 (0.5) (890-10069-2), CS-3 (0.5) (890-10069-3), CS-6 (0.5) (890-10069-6) and CS-10 (0.5) (890-10069-10). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-5 (0.5) (890-10069-5) and CS-8 (0.5) (890-10069-8). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (890-10069-A-15-B MS) and (890-10069-A-15-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: CS-17 (0.5) (890-10069-17) and CS-18 (0.5) (890-10069-18). 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

Eurofins Carlsbad

## Case Narrative

Client: Carmona Resources  
Project: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1

**Job ID: 890-10069-1 (Continued)**

**Eurofins Carlsbad**

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

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

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10069-1**

Date Collected: 06/10/26 10:15

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:55	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/12/26 16:25	06/12/26 23:55	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:55	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		06/12/26 16:25	06/12/26 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	06/12/26 16:25	06/12/26 23:55	1
1,4-Difluorobenzene (Surr)	108		70 - 130	06/12/26 16:25	06/12/26 23:55	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			06/12/26 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	379		49.9		mg/Kg			06/12/26 22:14	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		06/10/26 15:50	06/12/26 22:14	1
<b>Diesel Range Organics (Over C10-C28)</b>	<b>379</b>		49.9		mg/Kg		06/10/26 15:50	06/12/26 22:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130	06/10/26 15:50	06/12/26 22:14	1
o-Terphenyl (Surr)	114		70 - 130	06/10/26 15:50	06/12/26 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	374		10.0		mg/Kg			06/11/26 18:14	1

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

**Lab Sample ID: 890-10069-2**

Date Collected: 06/10/26 10:17

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 00:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 00:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 00:15	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/12/26 16:25	06/13/26 00:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 00:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/12/26 16:25	06/13/26 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	06/12/26 16:25	06/13/26 00:15	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/12/26 16:25	06/13/26 00:15	1

Eurofins Carlsbad

### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10069-2**

Date Collected: 06/10/26 10:17

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/13/26 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	215		50.0		mg/Kg			06/12/26 22:28	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	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/12/26 22:28	1
<b>Diesel Range Organics (Over C10-C28)</b>	<b>215</b>		50.0		mg/Kg		06/10/26 15:50	06/12/26 22:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/12/26 22:28	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)	137	S1+	70 - 130				06/10/26 15:50	06/12/26 22:28	1
o-Terphenyl (Surr)	132	S1+	70 - 130				06/10/26 15:50	06/12/26 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	244		10.0		mg/Kg			06/11/26 18:28	1

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

**Lab Sample ID: 890-10069-3**

Date Collected: 06/10/26 10:19

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 00:36	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 00:36	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 00:36	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/12/26 16:25	06/13/26 00:36	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 00:36	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/12/26 16:25	06/13/26 00:36	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)	124		70 - 130				06/12/26 16:25	06/13/26 00:36	1
1,4-Difluorobenzene (Surr)	105		70 - 130				06/12/26 16:25	06/13/26 00:36	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			06/13/26 00:36	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			06/12/26 22:44	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		06/10/26 15:50	06/12/26 22:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 22:44	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10069-3**

Date Collected: 06/10/26 10:19

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 22:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130				06/10/26 15:50	06/12/26 22:44	1
o-Terphenyl (Surr)	132	S1+	70 - 130				06/10/26 15:50	06/12/26 22:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.3		10.1		mg/Kg			06/11/26 18:33	1

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

**Lab Sample ID: 890-10069-4**

Date Collected: 06/10/26 10:21

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 00:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 00:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 00:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 16:25	06/13/26 00:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 00:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 16:25	06/13/26 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				06/12/26 16:25	06/13/26 00:57	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/12/26 16:25	06/13/26 00:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/26 00:57	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			06/12/26 22:59	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	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 22:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 22:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130				06/10/26 15:50	06/12/26 22:59	1
o-Terphenyl (Surr)	115		70 - 130				06/10/26 15:50	06/12/26 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	524		9.96		mg/Kg			06/11/26 18:38	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-5 (0.5)**

**Lab Sample ID: 890-10069-5**

Date Collected: 06/10/26 10:23

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:17	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 16:25	06/13/26 01:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:17	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 16:25	06/13/26 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	06/12/26 16:25	06/13/26 01:17	1
1,4-Difluorobenzene (Surr)	103		70 - 130	06/12/26 16:25	06/13/26 01:17	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			06/13/26 01:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/12/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/12/26 23:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/12/26 23:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/12/26 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	06/10/26 15:50	06/12/26 23:14	1
o-Terphenyl (Surr)	127		70 - 130	06/10/26 15:50	06/12/26 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.3		9.98		mg/Kg			06/11/26 18:42	1

**Client Sample ID: CS-6 (0.5)**

**Lab Sample ID: 890-10069-6**

Date Collected: 06/10/26 10:25

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/12/26 16:25	06/13/26 01:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/13/26 01:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/12/26 16:25	06/13/26 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	06/12/26 16:25	06/13/26 01:38	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/12/26 16:25	06/13/26 01:38	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-6 (0.5)**

**Lab Sample ID: 890-10069-6**

Date Collected: 06/10/26 10:25

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/13/26 01:38	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			06/12/26 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/10/26 15:50	06/12/26 23:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/10/26 15:50	06/12/26 23:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/10/26 15:50	06/12/26 23:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	S1+	70 - 130				06/10/26 15:50	06/12/26 23:30	1
o-Terphenyl (Surr)	148	S1+	70 - 130				06/10/26 15:50	06/12/26 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	546		10.0		mg/Kg			06/11/26 18:56	1

**Client Sample ID: CS-7 (0.5)**

**Lab Sample ID: 890-10069-7**

Date Collected: 06/10/26 10:27

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 01:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 01:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 01:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/12/26 16:25	06/13/26 01:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/12/26 16:25	06/13/26 01:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/12/26 16:25	06/13/26 01:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				06/12/26 16:25	06/13/26 01:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130				06/12/26 16:25	06/13/26 01:58	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			06/13/26 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.0		49.9		mg/Kg			06/12/26 23:44	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		06/10/26 15:50	06/12/26 23:44	1
Diesel Range Organics (Over C10-C28)	52.0		49.9		mg/Kg		06/10/26 15:50	06/12/26 23:44	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-7 (0.5)**

**Lab Sample ID: 890-10069-7**

Date Collected: 06/10/26 10:27

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/26 15:50	06/12/26 23:44	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)	109		70 - 130				06/10/26 15:50	06/12/26 23:44	1
o-Terphenyl (Surr)	103		70 - 130				06/10/26 15:50	06/12/26 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	313		10.0		mg/Kg			06/11/26 19:01	1

**Client Sample ID: CS-8 (0.5)**

**Lab Sample ID: 890-10069-8**

Date Collected: 06/10/26 10:29

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 02:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 02:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 02:19	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/12/26 16:25	06/13/26 02:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/12/26 16:25	06/13/26 02:19	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/12/26 16:25	06/13/26 02:19	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)	128		70 - 130				06/12/26 16:25	06/13/26 02:19	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/12/26 16:25	06/13/26 02:19	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			06/13/26 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	139		49.8		mg/Kg			06/12/26 23:59	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	<49.8	U	49.8		mg/Kg		06/10/26 15:50	06/12/26 23:59	1
<b>Diesel Range Organics (Over C10-C28)</b>	<b>139</b>		<b>49.8</b>		<b>mg/Kg</b>		<b>06/10/26 15:50</b>	<b>06/12/26 23:59</b>	<b>1</b>
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/10/26 15:50	06/12/26 23:59	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	135	S1+	70 - 130				06/10/26 15:50	06/12/26 23:59	1
o-Terphenyl (Surr)	118		70 - 130				06/10/26 15:50	06/12/26 23:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		9.94		mg/Kg			06/11/26 19:05	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-9 (0.5)**

**Lab Sample ID: 890-10069-9**

Date Collected: 06/10/26 10:31

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 02:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 02:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 02:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 16:25	06/13/26 02:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 02:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 16:25	06/13/26 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	06/12/26 16:25	06/13/26 02:39	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/12/26 16:25	06/13/26 02:39	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			06/13/26 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	106		50.0		mg/Kg			06/13/26 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/13/26 00:14	1
Diesel Range Organics (Over C10-C28)	106		50.0		mg/Kg		06/10/26 15:50	06/13/26 00:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 15:50	06/13/26 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130	06/10/26 15:50	06/13/26 00:14	1
o-Terphenyl (Surr)	114		70 - 130	06/10/26 15:50	06/13/26 00:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	291		9.96		mg/Kg			06/11/26 19:10	1

**Client Sample ID: CS-10 (0.5)**

**Lab Sample ID: 890-10069-10**

Date Collected: 06/10/26 10:33

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 03:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 03:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 03:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 16:25	06/13/26 03:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 16:25	06/13/26 03:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 16:25	06/13/26 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	06/12/26 16:25	06/13/26 03:00	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/12/26 16:25	06/13/26 03:00	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-10 (0.5)**

**Lab Sample ID: 890-10069-10**

Date Collected: 06/10/26 10:33

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/26 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	365		50.1		mg/Kg			06/13/26 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/10/26 15:50	06/13/26 00:29	1
Diesel Range Organics (Over C10-C28)	294		50.1		mg/Kg		06/10/26 15:50	06/13/26 00:29	1
Oil Range Organics (Over C28-C36)	70.9		50.1		mg/Kg		06/10/26 15:50	06/13/26 00:29	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)	152	S1+	70 - 130				06/10/26 15:50	06/13/26 00:29	1
o-Terphenyl (Surr)	147	S1+	70 - 130				06/10/26 15:50	06/13/26 00:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	214		9.92		mg/Kg			06/11/26 19:15	1

**Client Sample ID: CS-11 (0.5)**

**Lab Sample ID: 890-10069-11**

Date Collected: 06/10/26 10:35

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 19:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 19:20	1
Ethylbenzene	<0.00200	U * - *1	0.00200		mg/Kg		06/13/26 16:23	06/13/26 19:20	1
m-Xylene & p-Xylene	<0.00399	U * - *1	0.00399		mg/Kg		06/13/26 16:23	06/13/26 19:20	1
o-Xylene	<0.00200	U * - *1	0.00200		mg/Kg		06/13/26 16:23	06/13/26 19:20	1
Xylenes, Total	<0.00399	U * - *1	0.00399		mg/Kg		06/13/26 16:23	06/13/26 19:20	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				06/13/26 16:23	06/13/26 19:20	1
1,4-Difluorobenzene (Surr)	88		70 - 130				06/13/26 16:23	06/13/26 19:20	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			06/13/26 19:20	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			06/12/26 04:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 04:26	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-11 (0.5)**

**Lab Sample ID: 890-10069-11**

Date Collected: 06/10/26 10:35

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 04:26	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 04:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				06/11/26 06:43	06/12/26 04:26	1
o-Terphenyl (Surr)	79		70 - 130				06/11/26 06:43	06/12/26 04:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	530		10.0		mg/Kg			06/11/26 19:19	1

**Client Sample ID: CS-12 (0.5)**

**Lab Sample ID: 890-10069-12**

Date Collected: 06/10/26 10:37

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/13/26 16:23	06/13/26 19:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/13/26 16:23	06/13/26 19:41	1
Ethylbenzene	<0.00201	U * - *1	0.00201		mg/Kg		06/13/26 16:23	06/13/26 19:41	1
m-Xylene & p-Xylene	<0.00402	U * - *1	0.00402		mg/Kg		06/13/26 16:23	06/13/26 19:41	1
o-Xylene	<0.00201	U * - *1	0.00201		mg/Kg		06/13/26 16:23	06/13/26 19:41	1
Xylenes, Total	<0.00402	U * - *1	0.00402		mg/Kg		06/13/26 16:23	06/13/26 19:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				06/13/26 16:23	06/13/26 19:41	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/13/26 16:23	06/13/26 19:41	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			06/13/26 19:41	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			06/12/26 04:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 04:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 04:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 04:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				06/11/26 06:43	06/12/26 04:40	1
o-Terphenyl (Surr)	88		70 - 130				06/11/26 06:43	06/12/26 04:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.9		9.92		mg/Kg			06/11/26 19:33	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-13 (0.5)**

**Lab Sample ID: 890-10069-13**

Date Collected: 06/10/26 10:39

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/13/26 16:23	06/13/26 20:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/13/26 16:23	06/13/26 20:01	1
Ethylbenzene	<0.00202	U * - *1	0.00202		mg/Kg		06/13/26 16:23	06/13/26 20:01	1
m-Xylene & p-Xylene	<0.00404	U * - *1	0.00404		mg/Kg		06/13/26 16:23	06/13/26 20:01	1
o-Xylene	<0.00202	U * - *1	0.00202		mg/Kg		06/13/26 16:23	06/13/26 20:01	1
Xylenes, Total	<0.00404	U * - *1	0.00404		mg/Kg		06/13/26 16:23	06/13/26 20:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	06/13/26 16:23	06/13/26 20:01	1
1,4-Difluorobenzene (Surr)	100		70 - 130	06/13/26 16:23	06/13/26 20:01	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			06/13/26 20:01	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			06/12/26 04:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 04:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 04:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 04:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130	06/11/26 06:43	06/12/26 04:54	1
o-Terphenyl (Surr)	85		70 - 130	06/11/26 06:43	06/12/26 04:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205		9.98		mg/Kg			06/11/26 19:38	1

**Client Sample ID: CS-14 (0.5)**

**Lab Sample ID: 890-10069-14**

Date Collected: 06/10/26 10:41

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/13/26 16:23	06/13/26 20:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/13/26 16:23	06/13/26 20:22	1
Ethylbenzene	<0.00199	U * - *1	0.00199		mg/Kg		06/13/26 16:23	06/13/26 20:22	1
m-Xylene & p-Xylene	<0.00398	U * - *1	0.00398		mg/Kg		06/13/26 16:23	06/13/26 20:22	1
o-Xylene	<0.00199	U * - *1	0.00199		mg/Kg		06/13/26 16:23	06/13/26 20:22	1
Xylenes, Total	<0.00398	U * - *1	0.00398		mg/Kg		06/13/26 16:23	06/13/26 20:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/13/26 16:23	06/13/26 20:22	1
1,4-Difluorobenzene (Surr)	101		70 - 130	06/13/26 16:23	06/13/26 20:22	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-14 (0.5)**

**Lab Sample ID: 890-10069-14**

Date Collected: 06/10/26 10:41

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/13/26 20:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/12/26 05:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/11/26 06:43	06/12/26 05:09	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/11/26 06:43	06/12/26 05:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/11/26 06:43	06/12/26 05:09	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	75		70 - 130				06/11/26 06:43	06/12/26 05:09	1
o-Terphenyl (Surr)	79		70 - 130				06/11/26 06:43	06/12/26 05:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		10.0		mg/Kg			06/11/26 19:52	1

**Client Sample ID: CS-15 (0.5)**

**Lab Sample ID: 890-10069-15**

Date Collected: 06/10/26 10:43

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 20:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 20:42	1
Ethylbenzene	<0.00200	U *1	0.00200		mg/Kg		06/13/26 16:23	06/13/26 20:42	1
m-Xylene & p-Xylene	<0.00400	U *1	0.00400		mg/Kg		06/13/26 16:23	06/13/26 20:42	1
o-Xylene	<0.00200	U *1	0.00200		mg/Kg		06/13/26 16:23	06/13/26 20:42	1
Xylenes, Total	<0.00400	U *1	0.00400		mg/Kg		06/13/26 16:23	06/13/26 20:42	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	102		70 - 130				06/13/26 16:23	06/13/26 20:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130				06/13/26 16:23	06/13/26 20:42	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			06/13/26 20:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	190		49.9		mg/Kg			06/12/26 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/11/26 06:45	06/12/26 18:26	1
Diesel Range Organics (Over C10-C28)	190		49.9		mg/Kg		06/11/26 06:45	06/12/26 18:26	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-15 (0.5)**

**Lab Sample ID: 890-10069-15**

Date Collected: 06/10/26 10:43

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/26 06:45	06/12/26 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				06/11/26 06:45	06/12/26 18:26	1
o-Terphenyl (Surr)	127		70 - 130				06/11/26 06:45	06/12/26 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	224		9.94		mg/Kg			06/11/26 19:56	1

**Client Sample ID: CS-16 (0.5)**

**Lab Sample ID: 890-10069-16**

Date Collected: 06/10/26 10:45

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 21:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 21:03	1
Ethylbenzene	<0.00200	U * - *1	0.00200		mg/Kg		06/13/26 16:23	06/13/26 21:03	1
m-Xylene & p-Xylene	<0.00399	U * - *1	0.00399		mg/Kg		06/13/26 16:23	06/13/26 21:03	1
o-Xylene	<0.00200	U * - *1	0.00200		mg/Kg		06/13/26 16:23	06/13/26 21:03	1
Xylenes, Total	<0.00399	U * - *1	0.00399		mg/Kg		06/13/26 16:23	06/13/26 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/13/26 16:23	06/13/26 21:03	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/13/26 16:23	06/13/26 21:03	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			06/13/26 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	181		50.0		mg/Kg			06/12/26 19:12	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		06/11/26 06:45	06/12/26 19:12	1
<b>Diesel Range Organics (Over C10-C28)</b>	<b>181</b>		50.0		mg/Kg		06/11/26 06:45	06/12/26 19:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:45	06/12/26 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				06/11/26 06:45	06/12/26 19:12	1
o-Terphenyl (Surr)	99		70 - 130				06/11/26 06:45	06/12/26 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	264		9.92		mg/Kg			06/11/26 20:01	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-17 (0.5)**

**Lab Sample ID: 890-10069-17**

Date Collected: 06/10/26 10:49

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00843		0.00201		mg/Kg		06/13/26 16:23	06/13/26 21:24	1
Toluene	0.0359		0.00201		mg/Kg		06/13/26 16:23	06/13/26 21:24	1
Ethylbenzene	0.00326	*- *1	0.00201		mg/Kg		06/13/26 16:23	06/13/26 21:24	1
m-Xylene & p-Xylene	0.00858	*- *1	0.00402		mg/Kg		06/13/26 16:23	06/13/26 21:24	1
o-Xylene	0.00278	*- *1	0.00201		mg/Kg		06/13/26 16:23	06/13/26 21:24	1
Xylenes, Total	0.0114	*- *1	0.00402		mg/Kg		06/13/26 16:23	06/13/26 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/13/26 16:23	06/13/26 21:24	1
1,4-Difluorobenzene (Surr)	102		70 - 130	06/13/26 16:23	06/13/26 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0590		0.00402		mg/Kg			06/13/26 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	130		50.1		mg/Kg			06/12/26 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/11/26 06:45	06/12/26 19:27	1
Diesel Range Organics (Over C10-C28)	130		50.1		mg/Kg		06/11/26 06:45	06/12/26 19:27	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/11/26 06:45	06/12/26 19:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	134	S1+	70 - 130	06/11/26 06:45	06/12/26 19:27	1
o-Terphenyl (Surr)	131	S1+	70 - 130	06/11/26 06:45	06/12/26 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	218		10.0		mg/Kg			06/11/26 20:06	1

**Client Sample ID: CS-18 (0.5)**

**Lab Sample ID: 890-10069-18**

Date Collected: 06/10/26 00:00

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/13/26 16:23	06/13/26 21:44	1
Toluene	0.00322		0.00202		mg/Kg		06/13/26 16:23	06/13/26 21:44	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		06/13/26 16:23	06/13/26 21:44	1
m-Xylene & p-Xylene	<0.00404	U *- *1	0.00404		mg/Kg		06/13/26 16:23	06/13/26 21:44	1
o-Xylene	<0.00202	U *- *1	0.00202		mg/Kg		06/13/26 16:23	06/13/26 21:44	1
Xylenes, Total	<0.00404	U *- *1	0.00404		mg/Kg		06/13/26 16:23	06/13/26 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	06/13/26 16:23	06/13/26 21:44	1
1,4-Difluorobenzene (Surr)	105		70 - 130	06/13/26 16:23	06/13/26 21:44	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-18 (0.5)**

**Lab Sample ID: 890-10069-18**

Date Collected: 06/10/26 00:00

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			06/13/26 21:44	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			06/12/26 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/11/26 06:45	06/12/26 19:42	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/11/26 06:45	06/12/26 19:42	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/11/26 06:45	06/12/26 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	131	S1+	70 - 130				06/11/26 06:45	06/12/26 19:42	1
o-Terphenyl (Surr)	139	S1+	70 - 130				06/11/26 06:45	06/12/26 19:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	90.4		9.96		mg/Kg			06/11/26 16:48	1

## Surrogate Summary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-10069-1	CS-1 (0.5)	121	108
890-10069-1 MS	CS-1 (0.5)	77	81
890-10069-1 MSD	CS-1 (0.5)	102	95
890-10069-2	CS-2 (0.5)	144 S1+	103
890-10069-3	CS-3 (0.5)	124	105
890-10069-4	CS-4 (0.5)	130	102
890-10069-5	CS-5 (0.5)	137 S1+	103
890-10069-6	CS-6 (0.5)	137 S1+	101
890-10069-7	CS-7 (0.5)	130	103
890-10069-8	CS-8 (0.5)	128	99
890-10069-9	CS-9 (0.5)	125	105
890-10069-10	CS-10 (0.5)	137 S1+	99
890-10069-11	CS-11 (0.5)	106	88
890-10069-11 MS	CS-11 (0.5)	103	101
890-10069-11 MSD	CS-11 (0.5)	105	103
890-10069-12	CS-12 (0.5)	104	96
890-10069-13	CS-13 (0.5)	109	100
890-10069-14	CS-14 (0.5)	103	101
890-10069-15	CS-15 (0.5)	102	100
890-10069-16	CS-16 (0.5)	109	97
890-10069-17	CS-17 (0.5)	106	102
890-10069-18	CS-18 (0.5)	92	105
LCS 880-143434/1-A	Lab Control Sample	89	101
LCS 880-143488/1-A	Lab Control Sample	99	105
LCS 880-143434/2-A	Lab Control Sample Dup	75	77
LCS 880-143488/2-A	Lab Control Sample Dup	104	105
MB 880-143388/5-A	Method Blank	108	85
MB 880-143434/5-A	Method Blank	108	85
MB 880-143488/5-A	Method Blank	119	88

**Surrogate Legend**

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-73470-A-1-B MS	Matrix Spike	115	116
880-73470-A-1-C MSD	Matrix Spike Duplicate	115	118
890-10068-A-14-C MS	Matrix Spike	92	85
890-10068-A-14-D MSD	Matrix Spike Duplicate	93	85
890-10069-1	CS-1 (0.5)	120	114
890-10069-2	CS-2 (0.5)	137 S1+	132 S1+
890-10069-3	CS-3 (0.5)	134 S1+	132 S1+
890-10069-4	CS-4 (0.5)	121	115
890-10069-5	CS-5 (0.5)	133 S1+	127
890-10069-6	CS-6 (0.5)	146 S1+	148 S1+

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### Surrogate Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-10069-7	CS-7 (0.5)	109	103
890-10069-8	CS-8 (0.5)	135 S1+	118
890-10069-9	CS-9 (0.5)	118	114
890-10069-10	CS-10 (0.5)	152 S1+	147 S1+
890-10069-11	CS-11 (0.5)	72	79
890-10069-12	CS-12 (0.5)	82	88
890-10069-13	CS-13 (0.5)	78	85
890-10069-14	CS-14 (0.5)	75	79
890-10069-15	CS-15 (0.5)	127	127
890-10069-15 MS	CS-15 (0.5)	129	134 S1+
890-10069-15 MSD	CS-15 (0.5)	128	131 S1+
890-10069-16	CS-16 (0.5)	100	99
890-10069-17	CS-17 (0.5)	134 S1+	131 S1+
890-10069-18	CS-18 (0.5)	131 S1+	139 S1+
LCS 880-143145/2-A	Lab Control Sample	99	102
LCS 880-143179/2-A	Lab Control Sample	98	94
LCS 880-143180/2-A	Lab Control Sample	102	107
LCSD 880-143145/3-A	Lab Control Sample Dup	102	108
LCSD 880-143179/3-A	Lab Control Sample Dup	98	93
LCSD 880-143180/3-A	Lab Control Sample Dup	109	117
MB 880-143145/1-A	Method Blank	102	96
MB 880-143179/1-A	Method Blank	94	98
MB 880-143180/1-A	Method Blank	119	117

**Surrogate Legend**

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

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-143388/5-A  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:30	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/12/26 08:00	06/12/26 12:30	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/12/26 08:00	06/12/26 12:30	1

Lab Sample ID: MB 880-143434/5-A  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:33	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 16:25	06/12/26 23:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 16:25	06/12/26 23:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 16:25	06/12/26 23:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/12/26 16:25	06/12/26 23:33	1
1,4-Difluorobenzene (Surr)	85		70 - 130	06/12/26 16:25	06/12/26 23:33	1

Lab Sample ID: LCS 880-143434/1-A  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1017		mg/Kg		102	70 - 130
Toluene	0.100	0.08888		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.1816		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09198		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-143434/2-A  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143434

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08206		mg/Kg		82	70 - 130	21	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-143434/2-A  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143434

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.07600		mg/Kg		76	70 - 130	16	35
Ethylbenzene	0.100	0.09103		mg/Kg		91	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.1537		mg/Kg		77	70 - 130	17	35
o-Xylene	0.100	0.07521		mg/Kg		75	70 - 130	20	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	75		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

Lab Sample ID: 890-10069-1 MS  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: CS-1 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 143434

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07850		mg/Kg		79	70 - 130
Toluene	<0.00200	U	0.100	0.06972		mg/Kg		70	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07330		mg/Kg		73	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1400		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06438	F1	mg/Kg		64	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	77		70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: 890-10069-1 MSD  
 Matrix: Solid  
 Analysis Batch: 143346

Client Sample ID: CS-1 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 143434

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09887		mg/Kg		99	70 - 130	23	35
Toluene	<0.00200	U	0.100	0.08890		mg/Kg		89	70 - 130	24	35
Ethylbenzene	<0.00200	U	0.100	0.09115		mg/Kg		91	70 - 130	22	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1724		mg/Kg		86	70 - 130	21	35
o-Xylene	<0.00200	U F1	0.100	0.08775		mg/Kg		88	70 - 130	31	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-143488/5-A  
 Matrix: Solid  
 Analysis Batch: 143484

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143488

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 18:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 18:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 18:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/13/26 16:23	06/13/26 18:59	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-143488/5-A**  
**Matrix: Solid**  
**Analysis Batch: 143484**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143488**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/13/26 16:23	06/13/26 18:59	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/13/26 16:23	06/13/26 18:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	119		70 - 130	06/13/26 16:23	06/13/26 18:59	1
1,4-Difluorobenzene (Surr)	88		70 - 130	06/13/26 16:23	06/13/26 18:59	1

**Lab Sample ID: LCS 880-143488/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143484**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143488**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1042		mg/Kg		104	70 - 130
Toluene	0.100	0.08987		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09706		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1932		mg/Kg		97	70 - 130
o-Xylene	0.100	0.09649		mg/Kg		96	70 - 130

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

**Lab Sample ID: LCSD 880-143488/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143484**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143488**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.09494		mg/Kg		95	70 - 130	9	35
Toluene	0.100	0.07148		mg/Kg		71	70 - 130	23	35
Ethylbenzene	0.100	0.05992	*- *1	mg/Kg		60	70 - 130	47	35
m-Xylene & p-Xylene	0.200	0.1132	*- *1	mg/Kg		57	70 - 130	52	35
o-Xylene	0.100	0.06114	*- *1	mg/Kg		61	70 - 130	45	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

**Lab Sample ID: 890-10069-11 MS**  
**Matrix: Solid**  
**Analysis Batch: 143484**

**Client Sample ID: CS-11 (0.5)**  
**Prep Type: Total/NA**  
**Prep Batch: 143488**

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Benzene	<0.00200	U	0.100	0.1012		mg/Kg		101	70 - 130
Toluene	<0.00200	U	0.100	0.09124		mg/Kg		91	70 - 130
Ethylbenzene	<0.00200	U *- *1	0.100	0.1012		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00399	U *- *1	0.200	0.2057		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U *- *1	0.100	0.1026		mg/Kg		103	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-10069-11 MS  
 Matrix: Solid  
 Analysis Batch: 143484

Client Sample ID: CS-11 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 143488

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-10069-11 MSD  
 Matrix: Solid  
 Analysis Batch: 143484

Client Sample ID: CS-11 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 143488

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Benzene	<0.00200	U	0.100	0.1028		mg/Kg		103	70 - 130	2	35	
Toluene	<0.00200	U	0.100	0.09131		mg/Kg		91	70 - 130	0	35	
Ethylbenzene	<0.00200	U * - *1	0.100	0.1010		mg/Kg		101	70 - 130	0	35	
m-Xylene & p-Xylene	<0.00399	U * - *1	0.200	0.2046		mg/Kg		102	70 - 130	1	35	
o-Xylene	<0.00200	U * - *1	0.100	0.1026		mg/Kg		103	70 - 130	0	35	

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-143145/1-A  
 Matrix: Solid  
 Analysis Batch: 143357

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143145

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		06/10/26 15:49	06/12/26 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 15:49	06/12/26 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 15:49	06/12/26 17:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	06/10/26 15:49	06/12/26 17:38	1
o-Terphenyl (Surr)	96		70 - 130	06/10/26 15:49	06/12/26 17:38	1

Lab Sample ID: LCS 880-143145/2-A  
 Matrix: Solid  
 Analysis Batch: 143357

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143145

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	944.7		mg/Kg		94	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1053		mg/Kg		105	70 - 130	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	102		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-143145/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143357**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143145**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130	8	20	
Diesel Range Organics (Over C10-C28)	1000	1082		mg/Kg		108	70 - 130	3	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>				
1-Chlorooctane (Surr)		102				70 - 130				
o-Terphenyl (Surr)		108				70 - 130				

**Lab Sample ID: 880-73470-A-1-B MS**  
**Matrix: Solid**  
**Analysis Batch: 143357**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143145**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	1000	1114		mg/Kg		110	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.5	U	1000	1133		mg/Kg		113	70 - 130	
		<b>MS</b>	<b>MS</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>				
1-Chlorooctane (Surr)		115				70 - 130				
o-Terphenyl (Surr)		116				70 - 130				

**Lab Sample ID: 880-73470-A-1-C MSD**  
**Matrix: Solid**  
**Analysis Batch: 143357**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143145**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	1000	1066		mg/Kg		105	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.5	U	1000	1135		mg/Kg		113	70 - 130	0	20
		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>			<b>Limits</b>					
1-Chlorooctane (Surr)		115				70 - 130					
o-Terphenyl (Surr)		118				70 - 130					

**Lab Sample ID: MB 880-143179/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

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		06/11/26 06:42	06/11/26 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-143179/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	94		70 - 130	06/11/26 06:42	06/11/26 23:12	1
o-Terphenyl (Surr)	98		70 - 130	06/11/26 06:42	06/11/26 23:12	1

**Lab Sample ID: LCS 880-143179/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	878.1		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	94		70 - 130

**Lab Sample ID: LCSD 880-143179/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	880.0		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130	2	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	93		70 - 130

**Lab Sample ID: 890-10068-A-14-C MS**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec Limits
				Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	844.2		mg/Kg		85	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1010		mg/Kg		101	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	85		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10068-A-14-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	834.3		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	987.5		mg/Kg		99	70 - 130	2	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	93		70 - 130								
o-Terphenyl (Surr)	85		70 - 130								

**Lab Sample ID: MB 880-143180/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143360**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143180**

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		06/11/26 06:45	06/12/26 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:45	06/12/26 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:45	06/12/26 17:38	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	119		70 - 130				06/11/26 06:45	06/12/26 17:38	1
o-Terphenyl (Surr)	117		70 - 130				06/11/26 06:45	06/12/26 17:38	1

**Lab Sample ID: LCS 880-143180/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143360**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143180**

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec
							Result
Gasoline Range Organics (GRO)-C6-C10	1000	943.4		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130
Surrogate	LCS	LCS					
	%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)	102		70 - 130				
o-Terphenyl (Surr)	107		70 - 130				

**Lab Sample ID: LCSD 880-143180/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143360**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143180**

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	Limit
							Result		
Gasoline Range Organics (GRO)-C6-C10	1000	1006		mg/Kg		101	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1179		mg/Kg		118	70 - 130	11	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-143180/3-A  
 Matrix: Solid  
 Analysis Batch: 143360

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143180

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: 890-10069-15 MS  
 Matrix: Solid  
 Analysis Batch: 143360

Client Sample ID: CS-15 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 143180

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier		Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1175		mg/Kg		115		70 - 130
Diesel Range Organics (Over C10-C28)	190		1000	1264		mg/Kg		107		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	134	S1+	70 - 130

Lab Sample ID: 890-10069-15 MSD  
 Matrix: Solid  
 Analysis Batch: 143360

Client Sample ID: CS-15 (0.5)  
 Prep Type: Total/NA  
 Prep Batch: 143180

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD
	Result	Qualifier		Result	Qualifier						RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1193		mg/Kg		117		70 - 130	2	20
Diesel Range Organics (Over C10-C28)	190		1000	1256		mg/Kg		107		70 - 130	1	20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	128		70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

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

Lab Sample ID: MB 880-143226/1-A  
 Matrix: Solid  
 Analysis Batch: 143252

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Chloride	<10.0	U	10.0		mg/Kg			06/11/26 16:08		1

Lab Sample ID: LCS 880-143226/2-A  
 Matrix: Solid  
 Analysis Batch: 143252

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike	LCS		Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Chloride	250	251.7		mg/Kg		101		90 - 110

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-143226/3-A  
 Matrix: Solid  
 Analysis Batch: 143252

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	249.2		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-10069-18 MS  
 Matrix: Solid  
 Analysis Batch: 143252

Client Sample ID: CS-18 (0.5)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	90.4		249	348.3		mg/Kg		104	90 - 110

Lab Sample ID: 890-10069-18 MSD  
 Matrix: Solid  
 Analysis Batch: 143252

Client Sample ID: CS-18 (0.5)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	90.4		249	348.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-143221/1-A  
 Matrix: Solid  
 Analysis Batch: 143258

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			06/11/26 18:00	1

Lab Sample ID: LCS 880-143221/2-A  
 Matrix: Solid  
 Analysis Batch: 143258

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	231.9		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-143221/3-A  
 Matrix: Solid  
 Analysis Batch: 143258

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	228.9		mg/Kg		92	90 - 110	1	20

Lab Sample ID: 890-10069-1 MS  
 Matrix: Solid  
 Analysis Batch: 143258

Client Sample ID: CS-1 (0.5)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	374		251	628.9		mg/Kg		102	90 - 110

Lab Sample ID: 890-10069-1 MSD  
 Matrix: Solid  
 Analysis Batch: 143258

Client Sample ID: CS-1 (0.5)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	374		251	639.8		mg/Kg		106	90 - 110	2	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10069-11 MS**  
**Matrix: Solid**  
**Analysis Batch: 143258**

**Client Sample ID: CS-11 (0.5)**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	530		250	759.6		mg/Kg		92	90 - 110

**Lab Sample ID: 890-10069-11 MSD**  
**Matrix: Solid**  
**Analysis Batch: 143258**

**Client Sample ID: CS-11 (0.5)**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	530		250	771.4		mg/Kg		96	90 - 110	2	20

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

### QC Association Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

#### GC VOA

##### Analysis Batch: 143346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Total/NA	Solid	8021B	143434
890-10069-2	CS-2 (0.5)	Total/NA	Solid	8021B	143434
890-10069-3	CS-3 (0.5)	Total/NA	Solid	8021B	143434
890-10069-4	CS-4 (0.5)	Total/NA	Solid	8021B	143434
890-10069-5	CS-5 (0.5)	Total/NA	Solid	8021B	143434
890-10069-6	CS-6 (0.5)	Total/NA	Solid	8021B	143434
890-10069-7	CS-7 (0.5)	Total/NA	Solid	8021B	143434
890-10069-8	CS-8 (0.5)	Total/NA	Solid	8021B	143434
890-10069-9	CS-9 (0.5)	Total/NA	Solid	8021B	143434
890-10069-10	CS-10 (0.5)	Total/NA	Solid	8021B	143434
MB 880-143388/5-A	Method Blank	Total/NA	Solid	8021B	143388
MB 880-143434/5-A	Method Blank	Total/NA	Solid	8021B	143434
LCS 880-143434/1-A	Lab Control Sample	Total/NA	Solid	8021B	143434
LCS 880-143434/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143434
890-10069-1 MS	CS-1 (0.5)	Total/NA	Solid	8021B	143434
890-10069-1 MSD	CS-1 (0.5)	Total/NA	Solid	8021B	143434

##### Prep Batch: 143388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-143388/5-A	Method Blank	Total/NA	Solid	5035	

##### Prep Batch: 143434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Total/NA	Solid	5035	
890-10069-2	CS-2 (0.5)	Total/NA	Solid	5035	
890-10069-3	CS-3 (0.5)	Total/NA	Solid	5035	
890-10069-4	CS-4 (0.5)	Total/NA	Solid	5035	
890-10069-5	CS-5 (0.5)	Total/NA	Solid	5035	
890-10069-6	CS-6 (0.5)	Total/NA	Solid	5035	
890-10069-7	CS-7 (0.5)	Total/NA	Solid	5035	
890-10069-8	CS-8 (0.5)	Total/NA	Solid	5035	
890-10069-9	CS-9 (0.5)	Total/NA	Solid	5035	
890-10069-10	CS-10 (0.5)	Total/NA	Solid	5035	
MB 880-143434/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143434/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS 880-143434/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10069-1 MS	CS-1 (0.5)	Total/NA	Solid	5035	
890-10069-1 MSD	CS-1 (0.5)	Total/NA	Solid	5035	

##### Analysis Batch: 143484

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-11	CS-11 (0.5)	Total/NA	Solid	8021B	143488
890-10069-12	CS-12 (0.5)	Total/NA	Solid	8021B	143488
890-10069-13	CS-13 (0.5)	Total/NA	Solid	8021B	143488
890-10069-14	CS-14 (0.5)	Total/NA	Solid	8021B	143488
890-10069-15	CS-15 (0.5)	Total/NA	Solid	8021B	143488
890-10069-16	CS-16 (0.5)	Total/NA	Solid	8021B	143488
890-10069-17	CS-17 (0.5)	Total/NA	Solid	8021B	143488
890-10069-18	CS-18 (0.5)	Total/NA	Solid	8021B	143488
MB 880-143488/5-A	Method Blank	Total/NA	Solid	8021B	143488
LCS 880-143488/1-A	Lab Control Sample	Total/NA	Solid	8021B	143488

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

#### GC VOA (Continued)

##### Analysis Batch: 143484 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS D 880-143488/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143488
890-10069-11 MS	CS-11 (0.5)	Total/NA	Solid	8021B	143488
890-10069-11 MSD	CS-11 (0.5)	Total/NA	Solid	8021B	143488

##### Prep Batch: 143488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-11	CS-11 (0.5)	Total/NA	Solid	5035	
890-10069-12	CS-12 (0.5)	Total/NA	Solid	5035	
890-10069-13	CS-13 (0.5)	Total/NA	Solid	5035	
890-10069-14	CS-14 (0.5)	Total/NA	Solid	5035	
890-10069-15	CS-15 (0.5)	Total/NA	Solid	5035	
890-10069-16	CS-16 (0.5)	Total/NA	Solid	5035	
890-10069-17	CS-17 (0.5)	Total/NA	Solid	5035	
890-10069-18	CS-18 (0.5)	Total/NA	Solid	5035	
MB 880-143488/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143488/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCS D 880-143488/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10069-11 MS	CS-11 (0.5)	Total/NA	Solid	5035	
890-10069-11 MSD	CS-11 (0.5)	Total/NA	Solid	5035	

##### Analysis Batch: 143564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-2	CS-2 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-3	CS-3 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-4	CS-4 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-5	CS-5 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-6	CS-6 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-7	CS-7 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-8	CS-8 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-9	CS-9 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-10	CS-10 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-11	CS-11 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-12	CS-12 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-13	CS-13 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-14	CS-14 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-15	CS-15 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-16	CS-16 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-17	CS-17 (0.5)	Total/NA	Solid	Total BTEX	
890-10069-18	CS-18 (0.5)	Total/NA	Solid	Total BTEX	

#### GC Semi VOA

##### Prep Batch: 143145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-2	CS-2 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-3	CS-3 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-4	CS-4 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-5	CS-5 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-6	CS-6 (0.5)	Total/NA	Solid	8015NM Prep	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

#### GC Semi VOA (Continued)

##### Prep Batch: 143145 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-7	CS-7 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-8	CS-8 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-9	CS-9 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-10	CS-10 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-143145/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143145/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143145/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73470-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-73470-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 143179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-11	CS-11 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-12	CS-12 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-13	CS-13 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-14	CS-14 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10068-A-14-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-10068-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Prep Batch: 143180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-15	CS-15 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-16	CS-16 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-17	CS-17 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-18	CS-18 (0.5)	Total/NA	Solid	8015NM Prep	
MB 880-143180/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143180/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143180/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10069-15 MS	CS-15 (0.5)	Total/NA	Solid	8015NM Prep	
890-10069-15 MSD	CS-15 (0.5)	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 143212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-11	CS-11 (0.5)	Total/NA	Solid	8015B NM	143179
890-10069-12	CS-12 (0.5)	Total/NA	Solid	8015B NM	143179
890-10069-13	CS-13 (0.5)	Total/NA	Solid	8015B NM	143179
890-10069-14	CS-14 (0.5)	Total/NA	Solid	8015B NM	143179
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015B NM	143179
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143179
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143179
890-10068-A-14-C MS	Matrix Spike	Total/NA	Solid	8015B NM	143179
890-10068-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143179

##### Analysis Batch: 143357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-2	CS-2 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-3	CS-3 (0.5)	Total/NA	Solid	8015B NM	143145

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 143357 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-4	CS-4 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-5	CS-5 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-6	CS-6 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-7	CS-7 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-8	CS-8 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-9	CS-9 (0.5)	Total/NA	Solid	8015B NM	143145
890-10069-10	CS-10 (0.5)	Total/NA	Solid	8015B NM	143145
MB 880-143145/1-A	Method Blank	Total/NA	Solid	8015B NM	143145
LCS 880-143145/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143145
LCS 880-143145/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143145
880-73470-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	143145
880-73470-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143145

## Analysis Batch: 143360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-15	CS-15 (0.5)	Total/NA	Solid	8015B NM	143180
890-10069-16	CS-16 (0.5)	Total/NA	Solid	8015B NM	143180
890-10069-17	CS-17 (0.5)	Total/NA	Solid	8015B NM	143180
890-10069-18	CS-18 (0.5)	Total/NA	Solid	8015B NM	143180
MB 880-143180/1-A	Method Blank	Total/NA	Solid	8015B NM	143180
LCS 880-143180/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143180
LCS 880-143180/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143180
890-10069-15 MS	CS-15 (0.5)	Total/NA	Solid	8015B NM	143180
890-10069-15 MSD	CS-15 (0.5)	Total/NA	Solid	8015B NM	143180

## Analysis Batch: 143405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Total/NA	Solid	8015 NM	
890-10069-2	CS-2 (0.5)	Total/NA	Solid	8015 NM	
890-10069-3	CS-3 (0.5)	Total/NA	Solid	8015 NM	
890-10069-4	CS-4 (0.5)	Total/NA	Solid	8015 NM	
890-10069-5	CS-5 (0.5)	Total/NA	Solid	8015 NM	
890-10069-6	CS-6 (0.5)	Total/NA	Solid	8015 NM	
890-10069-7	CS-7 (0.5)	Total/NA	Solid	8015 NM	
890-10069-8	CS-8 (0.5)	Total/NA	Solid	8015 NM	
890-10069-9	CS-9 (0.5)	Total/NA	Solid	8015 NM	
890-10069-10	CS-10 (0.5)	Total/NA	Solid	8015 NM	
890-10069-11	CS-11 (0.5)	Total/NA	Solid	8015 NM	
890-10069-12	CS-12 (0.5)	Total/NA	Solid	8015 NM	
890-10069-13	CS-13 (0.5)	Total/NA	Solid	8015 NM	
890-10069-14	CS-14 (0.5)	Total/NA	Solid	8015 NM	
890-10069-15	CS-15 (0.5)	Total/NA	Solid	8015 NM	
890-10069-16	CS-16 (0.5)	Total/NA	Solid	8015 NM	
890-10069-17	CS-17 (0.5)	Total/NA	Solid	8015 NM	
890-10069-18	CS-18 (0.5)	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 143221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Soluble	Solid	DI Leach	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

## HPLC/IC (Continued)

## Leach Batch: 143221 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-2	CS-2 (0.5)	Soluble	Solid	DI Leach	
890-10069-3	CS-3 (0.5)	Soluble	Solid	DI Leach	
890-10069-4	CS-4 (0.5)	Soluble	Solid	DI Leach	
890-10069-5	CS-5 (0.5)	Soluble	Solid	DI Leach	
890-10069-6	CS-6 (0.5)	Soluble	Solid	DI Leach	
890-10069-7	CS-7 (0.5)	Soluble	Solid	DI Leach	
890-10069-8	CS-8 (0.5)	Soluble	Solid	DI Leach	
890-10069-9	CS-9 (0.5)	Soluble	Solid	DI Leach	
890-10069-10	CS-10 (0.5)	Soluble	Solid	DI Leach	
890-10069-11	CS-11 (0.5)	Soluble	Solid	DI Leach	
890-10069-12	CS-12 (0.5)	Soluble	Solid	DI Leach	
890-10069-13	CS-13 (0.5)	Soluble	Solid	DI Leach	
890-10069-14	CS-14 (0.5)	Soluble	Solid	DI Leach	
890-10069-15	CS-15 (0.5)	Soluble	Solid	DI Leach	
890-10069-16	CS-16 (0.5)	Soluble	Solid	DI Leach	
890-10069-17	CS-17 (0.5)	Soluble	Solid	DI Leach	
MB 880-143221/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143221/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143221/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10069-1 MS	CS-1 (0.5)	Soluble	Solid	DI Leach	
890-10069-1 MSD	CS-1 (0.5)	Soluble	Solid	DI Leach	
890-10069-11 MS	CS-11 (0.5)	Soluble	Solid	DI Leach	
890-10069-11 MSD	CS-11 (0.5)	Soluble	Solid	DI Leach	

## Leach Batch: 143226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-18	CS-18 (0.5)	Soluble	Solid	DI Leach	
MB 880-143226/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143226/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143226/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10069-18 MS	CS-18 (0.5)	Soluble	Solid	DI Leach	
890-10069-18 MSD	CS-18 (0.5)	Soluble	Solid	DI Leach	

## Analysis Batch: 143252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-18	CS-18 (0.5)	Soluble	Solid	300.0	143226
MB 880-143226/1-A	Method Blank	Soluble	Solid	300.0	143226
LCS 880-143226/2-A	Lab Control Sample	Soluble	Solid	300.0	143226
LCSD 880-143226/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143226
890-10069-18 MS	CS-18 (0.5)	Soluble	Solid	300.0	143226
890-10069-18 MSD	CS-18 (0.5)	Soluble	Solid	300.0	143226

## Analysis Batch: 143258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-1	CS-1 (0.5)	Soluble	Solid	300.0	143221
890-10069-2	CS-2 (0.5)	Soluble	Solid	300.0	143221
890-10069-3	CS-3 (0.5)	Soluble	Solid	300.0	143221
890-10069-4	CS-4 (0.5)	Soluble	Solid	300.0	143221
890-10069-5	CS-5 (0.5)	Soluble	Solid	300.0	143221
890-10069-6	CS-6 (0.5)	Soluble	Solid	300.0	143221
890-10069-7	CS-7 (0.5)	Soluble	Solid	300.0	143221

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

#### HPLC/IC (Continued)

#### Analysis Batch: 143258 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10069-8	CS-8 (0.5)	Soluble	Solid	300.0	143221
890-10069-9	CS-9 (0.5)	Soluble	Solid	300.0	143221
890-10069-10	CS-10 (0.5)	Soluble	Solid	300.0	143221
890-10069-11	CS-11 (0.5)	Soluble	Solid	300.0	143221
890-10069-12	CS-12 (0.5)	Soluble	Solid	300.0	143221
890-10069-13	CS-13 (0.5)	Soluble	Solid	300.0	143221
890-10069-14	CS-14 (0.5)	Soluble	Solid	300.0	143221
890-10069-15	CS-15 (0.5)	Soluble	Solid	300.0	143221
890-10069-16	CS-16 (0.5)	Soluble	Solid	300.0	143221
890-10069-17	CS-17 (0.5)	Soluble	Solid	300.0	143221
MB 880-143221/1-A	Method Blank	Soluble	Solid	300.0	143221
LCS 880-143221/2-A	Lab Control Sample	Soluble	Solid	300.0	143221
LCSD 880-143221/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143221
890-10069-1 MS	CS-1 (0.5)	Soluble	Solid	300.0	143221
890-10069-1 MSD	CS-1 (0.5)	Soluble	Solid	300.0	143221
890-10069-11 MS	CS-11 (0.5)	Soluble	Solid	300.0	143221
890-10069-11 MSD	CS-11 (0.5)	Soluble	Solid	300.0	143221

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10069-1**

Date Collected: 06/10/26 10:15

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/12/26 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/12/26 23:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 22:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 22:14	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 18:14	CS	EET MID

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

**Lab Sample ID: 890-10069-2**

Date Collected: 06/10/26 10:17

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 00:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 22:28	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 22:28	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 18:28	CS	EET MID

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

**Lab Sample ID: 890-10069-3**

Date Collected: 06/10/26 10:19

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 00:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 00:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 22:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 22:44	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 18:33	CS	EET MID

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

**Lab Sample ID: 890-10069-4**

Date Collected: 06/10/26 10:21

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 00:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 00:57	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10069-4**

Date Collected: 06/10/26 10:21

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			143405	06/12/26 22:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 22:59	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 18:38	CS	EET MID

**Client Sample ID: CS-5 (0.5)**

**Lab Sample ID: 890-10069-5**

Date Collected: 06/10/26 10:23

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 01:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 01:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 23:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 23:14	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 18:42	CS	EET MID

**Client Sample ID: CS-6 (0.5)**

**Lab Sample ID: 890-10069-6**

Date Collected: 06/10/26 10:25

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 01:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 01:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 23:30	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 23:30	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 18:56	CS	EET MID

**Client Sample ID: CS-7 (0.5)**

**Lab Sample ID: 890-10069-7**

Date Collected: 06/10/26 10:27

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 01:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 01:58	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 23:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 23:44	FC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-7 (0.5)**

**Lab Sample ID: 890-10069-7**

Date Collected: 06/10/26 10:27

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.98 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:01	CS	EET MID

**Client Sample ID: CS-8 (0.5)**

**Lab Sample ID: 890-10069-8**

Date Collected: 06/10/26 10:29

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 02:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 02:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 23:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/12/26 23:59	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:05	CS	EET MID

**Client Sample ID: CS-9 (0.5)**

**Lab Sample ID: 890-10069-9**

Date Collected: 06/10/26 10:31

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 02:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 02:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/13/26 00:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/13/26 00:14	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:10	CS	EET MID

**Client Sample ID: CS-10 (0.5)**

**Lab Sample ID: 890-10069-10**

Date Collected: 06/10/26 10:33

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143434	06/12/26 16:25	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143346	06/13/26 03:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 03:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/13/26 00:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143145	06/10/26 15:50	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143357	06/13/26 00:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:15	CS	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-11 (0.5)**

**Lab Sample ID: 890-10069-11**

Date Collected: 06/10/26 10:35

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 19:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 19:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 04:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 04:26	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:19	CS	EET MID

**Client Sample ID: CS-12 (0.5)**

**Lab Sample ID: 890-10069-12**

Date Collected: 06/10/26 10:37

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 19:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 19:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 04:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 04:40	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:33	CS	EET MID

**Client Sample ID: CS-13 (0.5)**

**Lab Sample ID: 890-10069-13**

Date Collected: 06/10/26 10:39

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 20:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 20:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 04:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 04:54	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:38	CS	EET MID

**Client Sample ID: CS-14 (0.5)**

**Lab Sample ID: 890-10069-14**

Date Collected: 06/10/26 10:41

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 20:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 20:22	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-14 (0.5)**

**Lab Sample ID: 890-10069-14**

Date Collected: 06/10/26 10:41

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			143405	06/12/26 05:09	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 05:09	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:52	CS	EET MID

**Client Sample ID: CS-15 (0.5)**

**Lab Sample ID: 890-10069-15**

Date Collected: 06/10/26 10:43

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 20:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 20:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 18:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143180	06/11/26 06:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143360	06/12/26 18:26	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 19:56	CS	EET MID

**Client Sample ID: CS-16 (0.5)**

**Lab Sample ID: 890-10069-16**

Date Collected: 06/10/26 10:45

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 21:03	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 19:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143180	06/11/26 06:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143360	06/12/26 19:12	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 20:01	CS	EET MID

**Client Sample ID: CS-17 (0.5)**

**Lab Sample ID: 890-10069-17**

Date Collected: 06/10/26 10:49

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 21:24	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 19:27	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143180	06/11/26 06:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143360	06/12/26 19:27	FC	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
 SDG: Lea County New Mexico

**Client Sample ID: CS-17 (0.5)**

**Lab Sample ID: 890-10069-17**

Date Collected: 06/10/26 10:49

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	143221	06/11/26 09:50	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143258	06/11/26 20:06	CS	EET MID

**Client Sample ID: CS-18 (0.5)**

**Lab Sample ID: 890-10069-18**

Date Collected: 06/10/26 00:00

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143488	06/13/26 16:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143484	06/13/26 21:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143564	06/13/26 21:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			143405	06/12/26 19:42	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	143180	06/11/26 06:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143360	06/12/26 19:42	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143226	06/11/26 09:52	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143252	06/11/26 16:48	CS	EET MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
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 Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

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

### Method Summary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
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: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10069-1  
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10069-1	CS-1 (0.5)	Solid	06/10/26 10:15	06/10/26 14:34	Texas
890-10069-2	CS-2 (0.5)	Solid	06/10/26 10:17	06/10/26 14:34	Texas
890-10069-3	CS-3 (0.5)	Solid	06/10/26 10:19	06/10/26 14:34	Texas
890-10069-4	CS-4 (0.5)	Solid	06/10/26 10:21	06/10/26 14:34	Texas
890-10069-5	CS-5 (0.5)	Solid	06/10/26 10:23	06/10/26 14:34	Texas
890-10069-6	CS-6 (0.5)	Solid	06/10/26 10:25	06/10/26 14:34	Texas
890-10069-7	CS-7 (0.5)	Solid	06/10/26 10:27	06/10/26 14:34	Texas
890-10069-8	CS-8 (0.5)	Solid	06/10/26 10:29	06/10/26 14:34	Texas
890-10069-9	CS-9 (0.5)	Solid	06/10/26 10:31	06/10/26 14:34	Texas
890-10069-10	CS-10 (0.5)	Solid	06/10/26 10:33	06/10/26 14:34	Texas
890-10069-11	CS-11 (0.5)	Solid	06/10/26 10:35	06/10/26 14:34	Texas
890-10069-12	CS-12 (0.5)	Solid	06/10/26 10:37	06/10/26 14:34	Texas
890-10069-13	CS-13 (0.5)	Solid	06/10/26 10:39	06/10/26 14:34	Texas
890-10069-14	CS-14 (0.5)	Solid	06/10/26 10:41	06/10/26 14:34	Texas
890-10069-15	CS-15 (0.5)	Solid	06/10/26 10:43	06/10/26 14:34	Texas
890-10069-16	CS-16 (0.5)	Solid	06/10/26 10:45	06/10/26 14:34	Texas
890-10069-17	CS-17 (0.5)	Solid	06/10/26 10:49	06/10/26 14:34	Texas
890-10069-18	CS-18 (0.5)	Solid	06/10/26 00:00	06/10/26 14:34	Texas

- 1
- 2
- 3
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- 14



890-10069 Chain of Custody

Chain of Custody

Project Manager: Ashton Thielke  
 Company Name: Carmona Resources  
 Address: 310 W Wall St Ste 500  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-8988

Bill to: (if different)  
 Company Name: Cimarex Energy  
 Address: 600 N Marientfield St, Suite 600  
 City, State ZIP: Midland, TX 79701  
 Email: [laci.lulig@coterra.com](mailto:laci.lulig@coterra.com) & [ashton.thielke@coterra.com](mailto:ashton.thielke@coterra.com)

Work Order Comments  
 Program: UST/PST PRP rowfields RC perfund  
 State of Project: Level II Level III ST/UST RRP Level IV  
 Reporting: Level II Level III ST/UST RRP Level IV  
 Deliverables: EDD ADaPT Other:

Project Name: Dos Equis 12-13 Fed Com 89H  
 Project Number: 3315  
 Project Location: Lea County, New Mexico  
 Sampler's Name: KR  
 PO #:   
 Turn Around: Routine Rush  
 Due Date: 48 Hour  
 Wet Ice: Yes No Yes No  
 Thermometer ID: *700002*  
 Correction Factor: *-0.2*  
 Temperature Reading: *3.8*  
 Corrected Temperature: *3.6*

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST		Preservative Codes
							Parameters	Pres. Code	
CS-1 (0.5')	6/10/2026	10:15	X		C	1	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	None: NO DI Water: H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-2 (0.5')	6/10/2026	10:17	X		C	1			
CS-3 (0.5')	6/10/2026	10:19	X		C	1			
CS-4 (0.5')	6/10/2026	10:21	X		C	1			
CS-5 (0.5')	6/10/2026	10:23	X		C	1			
CS-6 (0.5')	6/10/2026	10:25	X		C	1			
CS-7 (0.5')	6/10/2026	10:27	X		C	1			
CS-8 (0.5')	6/10/2026	10:29	X		C	1			
CS-9 (0.5')	6/10/2026	10:31	X		C	1			
CS-10 (0.5')	6/10/2026	10:33	X		C	1			

Comments:

Relinquished by: (Signature) *[Signature]* Date/Time: 6/15/2026  
 Received by: (Signature) *[Signature]* Date/Time: 6/10/2026



Chain of Custody

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

Page 2 of 2

Project Manager:	Ashton Thielke	Bill to: (if different)	Laci Luig
Company Name:	Carrmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfeld St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & ashton.thielke@coterra.com

Work Order Comments

Program: UST/PST PRP rownfields JRC perfund

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

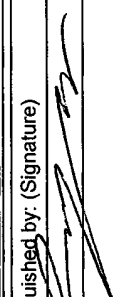
Reporting: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other:

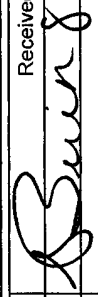
Project Name:	Dos Equis 12-13 Fed Com 89H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	3315	Due Date:	48 Hour		
Project Location	Lea County, New Mexico				
Sampler's Name:	KR				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST	Preservative Codes
							Temp Blank:	Wet Ice:		
CS-11 (0.5')	6/10/2026	10:35	X		C	1	Yes	No	Hold	None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-12 (0.5')	6/10/2026	10:37	X		C	1	Yes	No		
CS-13 (0.5')	6/10/2026	10:39	X		C	1	Yes	No		
CS-14 (0.5')	6/10/2026	10:41	X		C	1	Yes	No		
CS-15 (0.5')	6/10/2026	10:43	X		C	1	Yes	No		
CS-16 (0.5')	6/10/2026	10:45	X		C	1	Yes	No		
CS-17 (0.5')	6/10/2026	10:47	X		C	1	Yes	No		
CS-18 (0.5')	6/10/2026	10:49	X		C	1	Yes	No		

Comments:

Relinquished by: (Signature) 

Date/Time

Received by: (Signature) 

Date/Time 6/10/2026



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**Eurofins Carlsbad**

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

**Chain of Custody Record**



Environment Testing

**Client Information (Sub Contract Lab)**

Client Contact: **Shipping/Receiving** Eurofins Environment Testing South Centre  
 Address: 1211 W. Florida Ave., Midland, TX, 79701  
 State, Zip: TX, 79701  
 Phone: 432-704-5440(Tel)  
 Email: N/A  
 Project Name: Dos Equis 12-13 Fed Com 89H  
 Site: N/A  
 Lab PM: Kramer, Jessica  
 E-Mail: Jessica.Kramer@et.eurofins.com  
 State of Origin: Texas  
 Carrier Tracking No(s): N/A  
 Job #: 890-10069-1  
 Page: Page 1 of 2  
 Preservation Codes: 890-10069-1

Due Date Requested: 6/15/2026  
 TAT Requested (days): N/A  
 Analysis Requested

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Solid, Over-satd, BT=Trace, As/Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
CS-1 (0.5) (890-10069-1)	6/10/26	10:15	G	Solid	X	X	X	X	X	X	X	1	
CS-2 (0.5) (890-10069-2)	6/10/26	10:17	G	Solid	X	X	X	X	X	X	X	1	
CS-3 (0.5) (890-10069-3)	6/10/26	10:19	G	Solid	X	X	X	X	X	X	X	1	
CS-4 (0.5) (890-10069-4)	6/10/26	10:21	G	Solid	X	X	X	X	X	X	X	1	
CS-5 (0.5) (890-10069-5)	6/10/26	10:23	G	Solid	X	X	X	X	X	X	X	1	
CS-6 (0.5) (890-10069-6)	6/10/26	10:25	G	Solid	X	X	X	X	X	X	X	1	
CS-7 (0.5) (890-10069-7)	6/10/26	10:27	G	Solid	X	X	X	X	X	X	X	1	
CS-8 (0.5) (890-10069-8)	6/10/26	10:29	G	Solid	X	X	X	X	X	X	X	1	
CS-9 (0.5) (890-10069-9)	6/10/26	10:31	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 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 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  
 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 Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Method of Shipment: \_\_\_\_\_

Relinquished by: *B. Brown* Date/Time: 6/10 1630 Company: \_\_\_\_\_ Received by: *[Signature]* Date/Time: 6/11/26 800 Company: \_\_\_\_\_

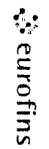
Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seats Intact:  Yes  No Custody Seal No.: \_\_\_\_\_ Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_

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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**



Environmental Testing

<b>Client Information (Sub Contract Lab)</b>		Sampler:	N/A	Lab PM:	Kramer, Jessica	Carrier (Tracking Not):	N/A	COCC No.:	890-7020.2																
Shipping/Receiving		Phone:	N/A	E-Mail:	Jessica.Kramer@get.eurofins.com	State of Origin:	Texas	Page:	Page 2 of 2																
Company: Eurofins Environment Testing South Cent		Due Date Requested: 6/15/2026		Accreditations Required (See note): NELAP - Texas		Job #:		890-10069-1																	
Address: 1211 W. Florida Ave.		TAT Requested (days): N/A		Analysis Requested		Preservation Codes:																			
City: Midland	State: TX, 79701	PO #:	N/A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Field Filtered Sample (Yes or No)</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/> Perform MS/MSD (Yes or No)</td> <td></td> </tr> <tr> <td>8021B/5035FP_CalcBTEX</td> <td></td> </tr> <tr> <td>Total_BTEX_GCV</td> <td></td> </tr> <tr> <td>8015MOD_Calc</td> <td></td> </tr> <tr> <td>8015MOD_NM/8015NM_S_PrepFull TPH</td> <td></td> </tr> <tr> <td>300_ORGFM_28D/DI_LEACHChloride</td> <td></td> </tr> <tr> <td>Total Number of containers</td> <td>1</td> </tr> </table>						<input checked="" type="checkbox"/> Field Filtered Sample (Yes or No)		<input checked="" type="checkbox"/> Perform MS/MSD (Yes or No)		8021B/5035FP_CalcBTEX		Total_BTEX_GCV		8015MOD_Calc		8015MOD_NM/8015NM_S_PrepFull TPH		300_ORGFM_28D/DI_LEACHChloride		Total Number of containers	1
<input checked="" type="checkbox"/> Field Filtered Sample (Yes or No)																									
<input checked="" type="checkbox"/> Perform MS/MSD (Yes or No)																									
8021B/5035FP_CalcBTEX																									
Total_BTEX_GCV																									
8015MOD_Calc																									
8015MOD_NM/8015NM_S_PrepFull TPH																									
300_ORGFM_28D/DI_LEACHChloride																									
Total Number of containers	1																								
Phone: 432-704-5440(Ext)		W/O #:	N/A																						
Email: N/A		Project #:	88001151																						
Project Name: Dos Equis 12-13 Fed Com 89H		SSOVW#:	N/A																						
Site: N/A																									

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Metallic, Semisolid, Over-sat, Br-Tissue, Ash)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Special Instructions/Note:
CS-10 (0.5) (890-10069-10)	6/10/26	10:33	G	Solid		X	X	
CS-11 (0.5) (890-10069-11)	6/10/26	10:35	G	Solid		X	X	
CS-12 (0.5) (890-10069-12)	6/10/26	10:37	G	Solid		X	X	
CS-13 (0.5) (890-10069-13)	6/10/26	10:39	G	Solid		X	X	
CS-14 (0.5) (890-10069-14)	6/10/26	10:41	G	Solid		X	X	
CS-15 (0.5) (890-10069-15)	6/10/26	10:43	G	Solid		X	X	
CS-16 (0.5) (890-10069-16)	6/10/26	10:45	G	Solid		X	X	
CS-17 (0.5) (890-10069-17)	6/10/26	10:49	G	Solid		X	X	
CS-18 (0.5) (890-10069-18)	6/10/26	Central	G	Solid		X	X	

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/methods 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/IOC 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>[Signature]</i>	6/10	16:30	
Relinquished by:	Date/Time:	Received by: <i>[Signature]</i>	Date/Time: 6/12/26 8:00
Relinquished by:	Date/Time:	Received by:	Date/Time:
Custody Seals Intact: A Yes A No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10069-1  
SDG Number: Lea County New Mexico

**Login Number: 10069**

**List Number: 1**

**Creator: Lopez, Abraham**

**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: 890-10069-1  
SDG Number: Lea County New Mexico

**Login Number: 10069**

**List Number: 2**

**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**

**List Creation: 06/11/26 06:19 AM**

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

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/19/2026 8:16:53 AM Revision 1

## JOB DESCRIPTION

DOS EQUIS 12 - 13 FED COM 89H  
 Lea County New Mexico

## JOB NUMBER

890-10068-1

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  
6/19/2026 8:16:53 AM  
Revision 1

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

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- 13
- 14

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Laboratory Job ID: 890-10068-1  
SDG: Lea County New Mexico

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	19
QC Sample Results . . . . .	21
QC Association Summary . . . . .	30
Lab Chronicle . . . . .	35
Certification Summary . . . . .	40
Method Summary . . . . .	41
Sample Summary . . . . .	42
Chain of Custody . . . . .	43
Receipt Checklists . . . . .	47

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

## Definitions/Glossary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## 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: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1

**Job ID: 890-10068-1**

**Eurofins Carlsbad**

## Job Narrative 890-10068-1

### REVISION

The report being provided is a revision of the original report sent on 6/15/2026. The report (revision 1) is being revised due to Per client email, requesting TPH re run on H-1 surface.

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 6/10/2026 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

### **Receipt Exceptions**

The following samples were received and analyzed from an unpreserved bulk soil jar: H - 1 (SURFACE) (890-10068-1), H - 1 (0.5') (890-10068-2), H - 2 (SURFACE) (890-10068-3), H - 2 (0.5') (890-10068-4), H - 3 (SURFACE) (890-10068-5), H - 3 (0.5') (890-10068-6), H - 4 (SURFACE) (890-10068-7), H - 4 (0.5') (890-10068-8), H - 5 (SURFACE) (890-10068-9), H - 5 (0.5') (890-10068-10), H - 6 (SURFACE) (890-10068-11), H - 6 (0.5') (890-10068-12), H - 7 (SURFACE) (890-10068-13), H - 7 (0.5') (890-10068-14), H - 8 (SURFACE) (890-10068-15) and H - 8 (0.5') (890-10068-16).

### **GC VOA**

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-143384 and analytical batch 880-143343 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

### **Diesel Range Organics**

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-73486-A-1-H MS) and (880-73486-A-1-I MSD). Evidence of matrix interference is present; 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 (0.5') (890-10068-2) and H - 2 (SURFACE) (890-10068-3). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-143167/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: H - 2 (0.5') (890-10068-4), H - 3 (SURFACE) (890-10068-5), H - 3 (0.5') (890-10068-6), H - 4 (SURFACE) (890-10068-7), H - 5 (SURFACE) (890-10068-9), H - 5 (0.5') (890-10068-10) and H - 6 (SURFACE) (890-10068-11). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (880-73231-A-1-H MS) and (880-73231-A-1-I MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-143032 and analytical batch 880-143326 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

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## Case Narrative

Client: Carmona Resources  
Project: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1

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### Job ID: 890-10068-1 (Continued)

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acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-143850/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-73769-A-10-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

#### HPLC/IC

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

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

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## Client Sample Results

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 - 13 FED COM 89HJob ID: 890-10068-1  
SDG: Lea County New Mexico

## Client Sample ID: H - 1 (SURFACE)

Lab Sample ID: 890-10068-1

Date Collected: 06/10/26 11:30

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:18	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:18	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399		mg/Kg		06/12/26 08:00	06/12/26 12:18	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:18	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		06/12/26 08:00	06/12/26 12:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/12/26 08:00	06/12/26 12:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/12/26 08:00	06/12/26 12:18	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			06/12/26 12:18	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			06/18/26 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/17/26 09:31	06/18/26 16:38	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/17/26 09:31	06/18/26 16:38	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/17/26 09:31	06/18/26 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	06/17/26 09:31	06/18/26 16:38	1
o-Terphenyl (Surr)	115		70 - 130	06/17/26 09:31	06/18/26 16:38	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			06/11/26 15:22	1

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

Lab Sample ID: 890-10068-2

Date Collected: 06/10/26 11:31

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 12:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 12:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 12:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/12/26 08:00	06/12/26 12:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 12:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/12/26 08:00	06/12/26 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	06/12/26 08:00	06/12/26 12:38	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/12/26 08:00	06/12/26 12:38	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10068-2**

Date Collected: 06/10/26 11:31

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			06/12/26 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			06/11/26 13:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		06/10/26 17:22	06/11/26 13:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		06/10/26 17:22	06/11/26 13:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		06/10/26 17:22	06/11/26 13:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130	06/10/26 17:22	06/11/26 13:35	1
o-Terphenyl (Surr)	144	S1+	70 - 130	06/10/26 17:22	06/11/26 13:35	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			06/11/26 15:31	1

**Client Sample ID: H - 2 (SURFACE)**

**Lab Sample ID: 890-10068-3**

Date Collected: 06/10/26 11:33

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 12:59	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 12:59	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 12:59	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/12/26 08:00	06/12/26 12:59	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 12:59	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/12/26 08:00	06/12/26 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/12/26 08:00	06/12/26 12:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/12/26 08:00	06/12/26 12:59	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			06/12/26 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	50.7		50.0		mg/Kg			06/11/26 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 13:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 13:51	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 - 13 FED COM 89HJob ID: 890-10068-1  
SDG: Lea County New Mexico

## Client Sample ID: H - 2 (SURFACE)

Lab Sample ID: 890-10068-3

Date Collected: 06/10/26 11:33

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	50.7		50.0		mg/Kg		06/10/26 17:22	06/11/26 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130	06/10/26 17:22	06/11/26 13:51	1
o-Terphenyl (Surr)	143	S1+	70 - 130	06/10/26 17:22	06/11/26 13:51	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			06/11/26 15:36	1

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

Lab Sample ID: 890-10068-4

Date Collected: 06/10/26 11:34

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 13:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 13:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 13:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 08:00	06/12/26 13:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 13:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 08:00	06/12/26 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	06/12/26 08:00	06/12/26 13:18	1
1,4-Difluorobenzene (Surr)	107		70 - 130	06/12/26 08:00	06/12/26 13:18	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			06/12/26 13:18	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			06/11/26 14:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/10/26 17:22	06/11/26 14:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/10/26 17:22	06/11/26 14:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/10/26 17:22	06/11/26 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130	06/10/26 17:22	06/11/26 14:22	1
o-Terphenyl (Surr)	146	S1+	70 - 130	06/10/26 17:22	06/11/26 14:22	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			06/11/26 15:41	1

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## Client Sample Results

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 - 13 FED COM 89HJob ID: 890-10068-1  
SDG: Lea County New Mexico

Client Sample ID: H - 3 (SURFACE)

Lab Sample ID: 890-10068-5

Date Collected: 06/10/26 11:36

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 13:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/12/26 08:00	06/12/26 13:39	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/12/26 08:00	06/12/26 13:39	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			06/12/26 13:39	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			06/11/26 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 14:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 14:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130	06/10/26 17:22	06/11/26 14:38	1
o-Terphenyl (Surr)	142	S1+	70 - 130	06/10/26 17:22	06/11/26 14:38	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			06/11/26 15:59	1

Client Sample ID: H - 3 (0.5')

Lab Sample ID: 890-10068-6

Date Collected: 06/10/26 11:37

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/12/26 08:00	06/12/26 13:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 13:59	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/12/26 08:00	06/12/26 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	06/12/26 08:00	06/12/26 13:59	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/12/26 08:00	06/12/26 13:59	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10068-6**

Date Collected: 06/10/26 11:37

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			06/12/26 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/11/26 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 14:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 14:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 14:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	S1+	70 - 130				06/10/26 17:22	06/11/26 14:54	1
o-Terphenyl (Surr)	147	S1+	70 - 130				06/10/26 17:22	06/11/26 14:54	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			06/11/26 16:13	1

**Client Sample ID: H - 4 (SURFACE)**

**Lab Sample ID: 890-10068-7**

Date Collected: 06/10/26 11:39

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 14:20	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 14:20	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 14:20	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/12/26 08:00	06/12/26 14:20	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/12/26 08:00	06/12/26 14:20	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/12/26 08:00	06/12/26 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				06/12/26 08:00	06/12/26 14:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/12/26 08:00	06/12/26 14:20	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			06/12/26 14:20	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			06/11/26 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/10/26 17:22	06/11/26 15:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/10/26 17:22	06/11/26 15:10	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 4 (SURFACE)**

**Lab Sample ID: 890-10068-7**

Date Collected: 06/10/26 11:39

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/10/26 17:22	06/11/26 15:10	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	141	S1+	70 - 130				06/10/26 17:22	06/11/26 15:10	1
o-Terphenyl (Surr)	143	S1+	70 - 130				06/10/26 17:22	06/11/26 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.6		10.0		mg/Kg			06/11/26 16:18	1

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

**Lab Sample ID: 890-10068-8**

Date Collected: 06/10/26 11:40

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 14:40	1
Toluene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 14:40	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 14:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		06/12/26 08:00	06/12/26 14:40	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		06/12/26 08:00	06/12/26 14:40	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		06/12/26 08:00	06/12/26 14:40	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				06/12/26 08:00	06/12/26 14:40	1
1,4-Difluorobenzene (Surr)	98		70 - 130				06/12/26 08:00	06/12/26 14:40	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			06/12/26 14:40	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			06/11/26 15:25	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		06/10/26 17:22	06/11/26 15:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 15:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 15:25	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)	127		70 - 130				06/10/26 17:22	06/11/26 15:25	1
o-Terphenyl (Surr)	130		70 - 130				06/10/26 17:22	06/11/26 15:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		10.1		mg/Kg			06/11/26 16:37	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 5 (SURFACE)**

**Lab Sample ID: 890-10068-9**

Date Collected: 06/10/26 11:42

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 08:00	06/12/26 15:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 08:00	06/12/26 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/12/26 08:00	06/12/26 15:01	1
1,4-Difluorobenzene (Surr)	98		70 - 130	06/12/26 08:00	06/12/26 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/12/26 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/11/26 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		06/10/26 17:22	06/11/26 15:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/10/26 17:22	06/11/26 15:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/10/26 17:22	06/11/26 15:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	138	S1+	70 - 130	06/10/26 17:22	06/11/26 15:41	1
o-Terphenyl (Surr)	141	S1+	70 - 130	06/10/26 17:22	06/11/26 15:41	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			06/11/26 16:41	1

**Client Sample ID: H - 5 (0.5')**

**Lab Sample ID: 890-10068-10**

Date Collected: 06/10/26 11:43

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 15:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 15:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 15:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 11:51	06/12/26 15:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 15:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 11:51	06/12/26 15:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	06/12/26 11:51	06/12/26 15:21	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/12/26 11:51	06/12/26 15:21	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 5 (0.5')**

**Lab Sample ID: 890-10068-10**

Date Collected: 06/10/26 11:43

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/12/26 15:21	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			06/11/26 15:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 15:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 15:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 15:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	141	S1+	70 - 130				06/10/26 17:22	06/11/26 15:57	1
o-Terphenyl (Surr)	142	S1+	70 - 130				06/10/26 17:22	06/11/26 15:57	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			06/11/26 16:46	1

**Client Sample ID: H - 6 (SURFACE)**

**Lab Sample ID: 890-10068-11**

Date Collected: 06/10/26 11:45

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 17:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 17:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 17:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/12/26 11:51	06/12/26 17:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 17:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/12/26 11:51	06/12/26 17:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				06/12/26 11:51	06/12/26 17:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/12/26 11:51	06/12/26 17:57	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			06/12/26 17:57	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			06/11/26 16:13	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	<50.2	U	50.2		mg/Kg		06/10/26 17:22	06/11/26 16:13	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		06/10/26 17:22	06/11/26 16:13	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 6 (SURFACE)**

**Lab Sample ID: 890-10068-11**

Date Collected: 06/10/26 11:45

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		06/10/26 17:22	06/11/26 16:13	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)	143	S1+	70 - 130				06/10/26 17:22	06/11/26 16:13	1
o-Terphenyl (Surr)	144	S1+	70 - 130				06/10/26 17:22	06/11/26 16:13	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			06/11/26 16:51	1

**Client Sample ID: H - 6 (0.5')**

**Lab Sample ID: 890-10068-12**

Date Collected: 06/10/26 11:46

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 18:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 18:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 18:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/12/26 11:51	06/12/26 18:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 18:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/12/26 11:51	06/12/26 18:18	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)	112		70 - 130				06/12/26 11:51	06/12/26 18:18	1
1,4-Difluorobenzene (Surr)	97		70 - 130				06/12/26 11:51	06/12/26 18:18	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			06/12/26 18:18	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			06/12/26 11:49	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		06/09/26 16:16	06/12/26 11:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/09/26 16:16	06/12/26 11:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/09/26 16:16	06/12/26 11:49	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)	93		70 - 130				06/09/26 16:16	06/12/26 11:49	1
o-Terphenyl (Surr)	96		70 - 130				06/09/26 16:16	06/12/26 11:49	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			06/11/26 17:09	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 7 (SURFACE)**

**Lab Sample ID: 890-10068-13**

Date Collected: 06/10/26 11:48

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 18:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 18:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 18:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		06/12/26 11:51	06/12/26 18:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 18:38	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		06/12/26 11:51	06/12/26 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	06/12/26 11:51	06/12/26 18:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/12/26 11:51	06/12/26 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			06/12/26 18:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/12/26 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/09/26 16:16	06/12/26 12:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:16	06/12/26 12:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:16	06/12/26 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130	06/09/26 16:16	06/12/26 12:09	1
o-Terphenyl (Surr)	110		70 - 130	06/09/26 16:16	06/12/26 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		9.96		mg/Kg			06/11/26 17:14	1

**Client Sample ID: H - 7 (0.5')**

**Lab Sample ID: 890-10068-14**

Date Collected: 06/10/26 11:49

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 18:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 18:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 18:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		06/12/26 11:51	06/12/26 18:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:51	06/12/26 18:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		06/12/26 11:51	06/12/26 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	06/12/26 11:51	06/12/26 18:59	1
1,4-Difluorobenzene (Surr)	97		70 - 130	06/12/26 11:51	06/12/26 18:59	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 7 (0.5')**

**Lab Sample ID: 890-10068-14**

Date Collected: 06/10/26 11:49

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			06/12/26 18:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			06/11/26 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/11/26 23:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/11/26 23:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/11/26 23:54	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	76		70 - 130				06/11/26 06:43	06/11/26 23:54	1
o-Terphenyl (Surr)	87		70 - 130				06/11/26 06:43	06/11/26 23:54	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			06/11/26 17:28	1

**Client Sample ID: H - 8 (SURFACE)**

**Lab Sample ID: 890-10068-15**

Date Collected: 06/10/26 11:51

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 19:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 19:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 19:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		06/12/26 11:51	06/12/26 19:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:51	06/12/26 19:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		06/12/26 11:51	06/12/26 19:19	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)	109		70 - 130				06/12/26 11:51	06/12/26 19:19	1
1,4-Difluorobenzene (Surr)	96		70 - 130				06/12/26 11:51	06/12/26 19:19	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			06/12/26 19:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			06/12/26 00:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 00:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 00:37	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 8 (SURFACE)**

**Lab Sample ID: 890-10068-15**

Date Collected: 06/10/26 11:51

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 00:37	1
<b>Surrogate</b>									
	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	79		70 - 130				06/11/26 06:43	06/12/26 00:37	1
o-Terphenyl (Surr)	86		70 - 130				06/11/26 06:43	06/12/26 00:37	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			06/11/26 17:32	1

**Client Sample ID: H - 8 (0.5')**

**Lab Sample ID: 890-10068-16**

Date Collected: 06/10/26 11:52

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 19:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 19:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 19:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		06/12/26 11:51	06/12/26 19:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		06/12/26 11:51	06/12/26 19:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		06/12/26 11:51	06/12/26 19:40	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				06/12/26 11:51	06/12/26 19:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130				06/12/26 11:51	06/12/26 19:40	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			06/12/26 19:40	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			06/12/26 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 00:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 00:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 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>
1-Chlorooctane (Surr)	75		70 - 130				06/11/26 06:43	06/12/26 00:52	1
o-Terphenyl (Surr)	81		70 - 130				06/11/26 06:43	06/12/26 00:52	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			06/11/26 17:37	1

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## Surrogate Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
890-10068-1	H - 1 (SURFACE)	110	95
890-10068-1 MS	H - 1 (SURFACE)	102	102
890-10068-1 MSD	H - 1 (SURFACE)	105	106
890-10068-2	H - 1 (0.5')	104	98
890-10068-3	H - 2 (SURFACE)	110	97
890-10068-4	H - 2 (0.5')	95	107
890-10068-5	H - 3 (SURFACE)	110	99
890-10068-6	H - 3 (0.5')	103	99
890-10068-7	H - 4 (SURFACE)	103	99
890-10068-8	H - 4 (0.5')	104	98
890-10068-9	H - 5 (SURFACE)	112	98
890-10068-10	H - 5 (0.5')	105	95
890-10068-11	H - 6 (SURFACE)	109	97
890-10068-12	H - 6 (0.5')	112	97
890-10068-13	H - 7 (SURFACE)	108	95
890-10068-14	H - 7 (0.5')	110	97
890-10068-15	H - 8 (SURFACE)	109	96
890-10068-16	H - 8 (0.5')	106	99
LCS 880-143384/1-A	Lab Control Sample	100	103
LCSD 880-143384/2-A	Lab Control Sample Dup	101	102
MB 880-143384/5-A	Method Blank	99	95

## Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-73231-A-1-H MS	Matrix Spike	135 S1+	136 S1+
880-73231-A-1-I MSD	Matrix Spike Duplicate	132 S1+	138 S1+
880-73486-A-1-H MS	Matrix Spike	138 S1+	147 S1+
880-73486-A-1-I MSD	Matrix Spike Duplicate	139 S1+	147 S1+
880-73769-A-10-B MS	Matrix Spike	128	130
880-73769-A-10-C MSD	Matrix Spike Duplicate	128	133 S1+
890-10068-1	H - 1 (SURFACE)	127	115
890-10068-2	H - 1 (0.5')	142 S1+	144 S1+
890-10068-3	H - 2 (SURFACE)	141 S1+	143 S1+
890-10068-4	H - 2 (0.5')	144 S1+	146 S1+
890-10068-5	H - 3 (SURFACE)	138 S1+	142 S1+
890-10068-6	H - 3 (0.5')	143 S1+	147 S1+
890-10068-7	H - 4 (SURFACE)	141 S1+	143 S1+
890-10068-8	H - 4 (0.5')	127	130
890-10068-9	H - 5 (SURFACE)	138 S1+	141 S1+
890-10068-10	H - 5 (0.5')	141 S1+	142 S1+
890-10068-11	H - 6 (SURFACE)	143 S1+	144 S1+
890-10068-12	H - 6 (0.5')	93	96

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### Surrogate Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Matrix: Solid**

**Prep Type: Total/NA**

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-10068-13	H - 7 (SURFACE)	127	110
890-10068-14	H - 7 (0.5')	76	87
890-10068-14 MS	H - 7 (0.5')	92	85
890-10068-14 MSD	H - 7 (0.5')	93	85
890-10068-15	H - 8 (SURFACE)	79	86
890-10068-16	H - 8 (0.5')	75	81
LCS 880-143032/2-A	Lab Control Sample	86	91
LCS 880-143167/2-A	Lab Control Sample	104	112
LCS 880-143179/2-A	Lab Control Sample	98	94
LCS 880-143850/2-A	Lab Control Sample	114	116
LCSD 880-143032/3-A	Lab Control Sample Dup	102	104
LCSD 880-143167/3-A	Lab Control Sample Dup	99	109
LCSD 880-143179/3-A	Lab Control Sample Dup	98	93
LCSD 880-143850/3-A	Lab Control Sample Dup	114	116
MB 880-143032/1-A	Method Blank	98	115
MB 880-143167/1-A	Method Blank	129	131 S1+
MB 880-143179/1-A	Method Blank	94	98
MB 880-143850/1-A	Method Blank	133 S1+	129

**Surrogate Legend**

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-143384/5-A  
 Matrix: Solid  
 Analysis Batch: 143343

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143384

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 11:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 11:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 11:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 11:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	06/12/26 08:00	06/12/26 11:56	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/12/26 08:00	06/12/26 11:56	1

Lab Sample ID: LCS 880-143384/1-A  
 Matrix: Solid  
 Analysis Batch: 143343

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143384

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08866		mg/Kg		89	70 - 130
Toluene	0.100	0.08536		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08575		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	0.200	0.1787		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09223		mg/Kg		92	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-143384/2-A  
 Matrix: Solid  
 Analysis Batch: 143343

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143384

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09158		mg/Kg		92	70 - 130	3	35
Toluene	0.100	0.08776		mg/Kg		88	70 - 130	3	35
Ethylbenzene	0.100	0.08751		mg/Kg		88	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1808		mg/Kg		90	70 - 130	1	35
o-Xylene	0.100	0.09386		mg/Kg		94	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-10068-1 MS  
 Matrix: Solid  
 Analysis Batch: 143343

Client Sample ID: H - 1 (SURFACE)  
 Prep Type: Total/NA  
 Prep Batch: 143384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08355		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.07459		mg/Kg		75	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 890-10068-1 MS  
 Matrix: Solid  
 Analysis Batch: 143343

Client Sample ID: H - 1 (SURFACE)  
 Prep Type: Total/NA  
 Prep Batch: 143384

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U F1	0.100	0.06054	F1	mg/Kg		61	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1226	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06325	F1	mg/Kg		63	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 890-10068-1 MSD  
 Matrix: Solid  
 Analysis Batch: 143343

Client Sample ID: H - 1 (SURFACE)  
 Prep Type: Total/NA  
 Prep Batch: 143384

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09591		mg/Kg		96	70 - 130	14	35
Toluene	<0.00200	U	0.100	0.09064		mg/Kg		91	70 - 130	19	35
Ethylbenzene	<0.00200	U F1	0.100	0.07996		mg/Kg		80	70 - 130	28	35
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1663		mg/Kg		83	70 - 130	30	35
o-Xylene	<0.00200	U F1	0.100	0.08423		mg/Kg		84	70 - 130	28	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Lab Sample ID: MB 880-143032/1-A  
 Matrix: Solid  
 Analysis Batch: 143326

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143032

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		06/09/26 16:16	06/12/26 04:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/09/26 16:16	06/12/26 04:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/09/26 16:16	06/12/26 04:42	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	06/09/26 16:16	06/12/26 04:42	1
o-Terphenyl (Surr)	115		70 - 130	06/09/26 16:16	06/12/26 04:42	1

Lab Sample ID: LCS 880-143032/2-A  
 Matrix: Solid  
 Analysis Batch: 143326

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143032

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	914.6		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1068		mg/Kg		107	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCS 880-143032/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143326**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143032**

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	91		70 - 130

**Lab Sample ID: LCSD 880-143032/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143326**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143032**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1048		mg/Kg		105	70 - 130	14	20	
Diesel Range Organics (Over C10-C28)	1000	1238		mg/Kg		124	70 - 130	15	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	102		70 - 130
o-Terphenyl (Surr)	104		70 - 130

**Lab Sample ID: 880-73231-A-1-H MS**  
**Matrix: Solid**  
**Analysis Batch: 143326**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	1000	391.3	F1	mg/Kg		39	70 - 130	
Diesel Range Organics (Over C10-C28)	1370	F1	1000	1311	F1	mg/Kg		-6	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	135	S1+	70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

**Lab Sample ID: 880-73231-A-1-I MSD**  
**Matrix: Solid**  
**Analysis Batch: 143326**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143032**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1 F2	1000	1314	F1 F2	mg/Kg		131	70 - 130	108
Diesel Range Organics (Over C10-C28)	1370	F1	1000	1326	F1	mg/Kg		-5	70 - 130	1

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	138	S1+	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-143167/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143261**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143167**

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		06/10/26 17:22	06/11/26 08:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 08:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/10/26 17:22	06/11/26 08:14	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	129		70 - 130	06/10/26 17:22	06/11/26 08:14	1
o-Terphenyl (Surr)	131	S1+	70 - 130	06/10/26 17:22	06/11/26 08:14	1

**Lab Sample ID: LCS 880-143167/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143261**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143167**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1112		mg/Kg		111	70 - 130

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

**Lab Sample ID: LCSD 880-143167/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143261**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143167**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Diesel Range Organics (Over C10-C28)	1000	1065		mg/Kg		107	70 - 130	4	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	109		70 - 130

**Lab Sample ID: 880-73486-A-1-H MS**  
**Matrix: Solid**  
**Analysis Batch: 143261**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143167**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1156		mg/Kg		116	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 880-73486-A-1-H MS**  
**Matrix: Solid**  
**Analysis Batch: 143261**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143167**

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	138	S1+	70 - 130
o-Terphenyl (Surr)	147	S1+	70 - 130

**Lab Sample ID: 880-73486-A-1-I MSD**  
**Matrix: Solid**  
**Analysis Batch: 143261**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143167**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	1000	1094		mg/Kg		107	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	1155		mg/Kg		116	70 - 130	0	20	

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	139	S1+	70 - 130
o-Terphenyl (Surr)	147	S1+	70 - 130

**Lab Sample ID: MB 880-143179/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

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		06/11/26 06:42	06/11/26 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	94		70 - 130	06/11/26 06:42	06/11/26 23:12	1
o-Terphenyl (Surr)	98		70 - 130	06/11/26 06:42	06/11/26 23:12	1

**Lab Sample ID: LCS 880-143179/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec	
		Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	878.1		mg/Kg		88	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	94		70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-143179/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	880.0		mg/Kg		88	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130	2	20	
		<b>LCSD</b>	<b>LCSD</b>							
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
1-Chlorooctane (Surr)		98		70 - 130						
o-Terphenyl (Surr)		93		70 - 130						

**Lab Sample ID: 890-10068-14 MS**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: H - 7 (0.5')**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	844.2		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1010		mg/Kg		101	70 - 130		
		<b>MS</b>	<b>MS</b>								
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane (Surr)		92		70 - 130							
o-Terphenyl (Surr)		85		70 - 130							

**Lab Sample ID: 890-10068-14 MSD**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: H - 7 (0.5')**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	834.3		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	987.5		mg/Kg		99	70 - 130	2	20
		<b>MSD</b>	<b>MSD</b>								
<b>Surrogate</b>		<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>							
1-Chlorooctane (Surr)		93		70 - 130							
o-Terphenyl (Surr)		85		70 - 130							

**Lab Sample ID: MB 880-143850/1-A**  
**Matrix: Solid**  
**Analysis Batch: 144003**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143850**

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		06/17/26 09:31	06/18/26 09:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/17/26 09:31	06/18/26 09:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/17/26 09:31	06/18/26 09:01	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: MB 880-143850/1-A**  
**Matrix: Solid**  
**Analysis Batch: 144003**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143850**

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	133	S1+	70 - 130	06/17/26 09:31	06/18/26 09:01	1
o-Terphenyl (Surr)	129		70 - 130	06/17/26 09:31	06/18/26 09:01	1

**Lab Sample ID: LCS 880-143850/2-A**  
**Matrix: Solid**  
**Analysis Batch: 144003**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143850**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
							Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	1000	1084		mg/Kg		108	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1120		mg/Kg		112	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	116		70 - 130

**Lab Sample ID: LCSD 880-143850/3-A**  
**Matrix: Solid**  
**Analysis Batch: 144003**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143850**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
							Limits	RPD	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1062		mg/Kg		106	70 - 130	2	20	
Diesel Range Organics (Over C10-C28)	1000	1118		mg/Kg		112	70 - 130	0	20	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	116		70 - 130

**Lab Sample ID: 880-73769-A-10-B MS**  
**Matrix: Solid**  
**Analysis Batch: 144003**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143850**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
									Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	1202		mg/Kg		118	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1284		mg/Kg		128	70 - 130	

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-73769-A-10-C MSD  
 Matrix: Solid  
 Analysis Batch: 144003

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 143850

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	1000	1217		mg/Kg		120	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.1	U	1000	1290		mg/Kg		129	70 - 130	0	20
<b>Surrogate</b>	<b>%Recovery</b>	<b>MSD Qualifier</b>		<b>MSD</b>					<b>Limits</b>		
1-Chlorooctane (Surr)	128								70 - 130		
o-Terphenyl (Surr)	133	S1+							70 - 130		

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

Lab Sample ID: MB 880-143200/1-A  
 Matrix: Solid  
 Analysis Batch: 143214

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			06/11/26 14:59	1

Lab Sample ID: LCS 880-143200/2-A  
 Matrix: Solid  
 Analysis Batch: 143214

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	236.0		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-143200/3-A  
 Matrix: Solid  
 Analysis Batch: 143214

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	232.6		mg/Kg		93	90 - 110	1	20

Lab Sample ID: 890-10068-1 MS  
 Matrix: Solid  
 Analysis Batch: 143214

Client Sample ID: H - 1 (SURFACE)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<10.0	U	251	254.3		mg/Kg		100	90 - 110

Lab Sample ID: 890-10068-1 MSD  
 Matrix: Solid  
 Analysis Batch: 143214

Client Sample ID: H - 1 (SURFACE)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<10.0	U	251	253.8		mg/Kg		100	90 - 110	0	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10068-11 MS**  
**Matrix: Solid**  
**Analysis Batch: 143214**

**Client Sample ID: H - 6 (SURFACE)**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.98	U	250	252.2		mg/Kg		99	90 - 110

**Lab Sample ID: 890-10068-11 MSD**  
**Matrix: Solid**  
**Analysis Batch: 143214**

**Client Sample ID: H - 6 (SURFACE)**  
**Prep Type: Soluble**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.98	U	250	249.3		mg/Kg		98	90 - 110	1	20

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

## QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

## GC VOA

## Analysis Batch: 143343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-2	H - 1 (0.5')	Total/NA	Solid	8021B	143384
890-10068-3	H - 2 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-4	H - 2 (0.5')	Total/NA	Solid	8021B	143384
890-10068-5	H - 3 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-6	H - 3 (0.5')	Total/NA	Solid	8021B	143384
890-10068-7	H - 4 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-8	H - 4 (0.5')	Total/NA	Solid	8021B	143384
890-10068-9	H - 5 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-10	H - 5 (0.5')	Total/NA	Solid	8021B	143384
890-10068-11	H - 6 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-12	H - 6 (0.5')	Total/NA	Solid	8021B	143384
890-10068-13	H - 7 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-14	H - 7 (0.5')	Total/NA	Solid	8021B	143384
890-10068-15	H - 8 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-16	H - 8 (0.5')	Total/NA	Solid	8021B	143384
MB 880-143384/5-A	Method Blank	Total/NA	Solid	8021B	143384
LCS 880-143384/1-A	Lab Control Sample	Total/NA	Solid	8021B	143384
LCSD 880-143384/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143384
890-10068-1 MS	H - 1 (SURFACE)	Total/NA	Solid	8021B	143384
890-10068-1 MSD	H - 1 (SURFACE)	Total/NA	Solid	8021B	143384

## Prep Batch: 143384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Total/NA	Solid	5035	
890-10068-2	H - 1 (0.5')	Total/NA	Solid	5035	
890-10068-3	H - 2 (SURFACE)	Total/NA	Solid	5035	
890-10068-4	H - 2 (0.5')	Total/NA	Solid	5035	
890-10068-5	H - 3 (SURFACE)	Total/NA	Solid	5035	
890-10068-6	H - 3 (0.5')	Total/NA	Solid	5035	
890-10068-7	H - 4 (SURFACE)	Total/NA	Solid	5035	
890-10068-8	H - 4 (0.5')	Total/NA	Solid	5035	
890-10068-9	H - 5 (SURFACE)	Total/NA	Solid	5035	
890-10068-10	H - 5 (0.5')	Total/NA	Solid	5035	
890-10068-11	H - 6 (SURFACE)	Total/NA	Solid	5035	
890-10068-12	H - 6 (0.5')	Total/NA	Solid	5035	
890-10068-13	H - 7 (SURFACE)	Total/NA	Solid	5035	
890-10068-14	H - 7 (0.5')	Total/NA	Solid	5035	
890-10068-15	H - 8 (SURFACE)	Total/NA	Solid	5035	
890-10068-16	H - 8 (0.5')	Total/NA	Solid	5035	
MB 880-143384/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143384/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143384/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10068-1 MS	H - 1 (SURFACE)	Total/NA	Solid	5035	
890-10068-1 MSD	H - 1 (SURFACE)	Total/NA	Solid	5035	

## Analysis Batch: 143547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-2	H - 1 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-3	H - 2 (SURFACE)	Total/NA	Solid	Total BTEX	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

## GC VOA (Continued)

## Analysis Batch: 143547 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-4	H - 2 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-5	H - 3 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-6	H - 3 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-7	H - 4 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-8	H - 4 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-9	H - 5 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-10	H - 5 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-11	H - 6 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-12	H - 6 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-13	H - 7 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-14	H - 7 (0.5')	Total/NA	Solid	Total BTEX	
890-10068-15	H - 8 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10068-16	H - 8 (0.5')	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 143032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-12	H - 6 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-13	H - 7 (SURFACE)	Total/NA	Solid	8015NM Prep	
MB 880-143032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73231-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-73231-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Prep Batch: 143167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-2	H - 1 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-3	H - 2 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10068-4	H - 2 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-5	H - 3 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10068-6	H - 3 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-7	H - 4 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10068-8	H - 4 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-9	H - 5 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10068-10	H - 5 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-11	H - 6 (SURFACE)	Total/NA	Solid	8015NM Prep	
MB 880-143167/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143167/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73486-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-73486-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Prep Batch: 143179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-14	H - 7 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-15	H - 8 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10068-16	H - 8 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Prep Batch: 143179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10068-14 MS	H - 7 (0.5')	Total/NA	Solid	8015NM Prep	
890-10068-14 MSD	H - 7 (0.5')	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 143212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-14	H - 7 (0.5')	Total/NA	Solid	8015B NM	143179
890-10068-15	H - 8 (SURFACE)	Total/NA	Solid	8015B NM	143179
890-10068-16	H - 8 (0.5')	Total/NA	Solid	8015B NM	143179
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015B NM	143179
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143179
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143179
890-10068-14 MS	H - 7 (0.5')	Total/NA	Solid	8015B NM	143179
890-10068-14 MSD	H - 7 (0.5')	Total/NA	Solid	8015B NM	143179

## Analysis Batch: 143261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-2	H - 1 (0.5')	Total/NA	Solid	8015B NM	143167
890-10068-3	H - 2 (SURFACE)	Total/NA	Solid	8015B NM	143167
890-10068-4	H - 2 (0.5')	Total/NA	Solid	8015B NM	143167
890-10068-5	H - 3 (SURFACE)	Total/NA	Solid	8015B NM	143167
890-10068-6	H - 3 (0.5')	Total/NA	Solid	8015B NM	143167
890-10068-7	H - 4 (SURFACE)	Total/NA	Solid	8015B NM	143167
890-10068-8	H - 4 (0.5')	Total/NA	Solid	8015B NM	143167
890-10068-9	H - 5 (SURFACE)	Total/NA	Solid	8015B NM	143167
890-10068-10	H - 5 (0.5')	Total/NA	Solid	8015B NM	143167
890-10068-11	H - 6 (SURFACE)	Total/NA	Solid	8015B NM	143167
MB 880-143167/1-A	Method Blank	Total/NA	Solid	8015B NM	143167
LCS 880-143167/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143167
LCSD 880-143167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143167
880-73486-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	143167
880-73486-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143167

## Analysis Batch: 143305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-2	H - 1 (0.5')	Total/NA	Solid	8015 NM	
890-10068-3	H - 2 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-4	H - 2 (0.5')	Total/NA	Solid	8015 NM	
890-10068-5	H - 3 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-6	H - 3 (0.5')	Total/NA	Solid	8015 NM	
890-10068-7	H - 4 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-8	H - 4 (0.5')	Total/NA	Solid	8015 NM	
890-10068-9	H - 5 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-10	H - 5 (0.5')	Total/NA	Solid	8015 NM	
890-10068-11	H - 6 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-12	H - 6 (0.5')	Total/NA	Solid	8015 NM	
890-10068-13	H - 7 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-14	H - 7 (0.5')	Total/NA	Solid	8015 NM	
890-10068-15	H - 8 (SURFACE)	Total/NA	Solid	8015 NM	
890-10068-16	H - 8 (0.5')	Total/NA	Solid	8015 NM	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

## GC Semi VOA

## Analysis Batch: 143326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-12	H - 6 (0.5')	Total/NA	Solid	8015B NM	143032
890-10068-13	H - 7 (SURFACE)	Total/NA	Solid	8015B NM	143032
MB 880-143032/1-A	Method Blank	Total/NA	Solid	8015B NM	143032
LCS 880-143032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143032
LCS 880-143032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143032
880-73231-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	143032
880-73231-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143032

## Prep Batch: 143850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Total/NA	Solid	8015NM Prep	
MB 880-143850/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143850/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCS 880-143850/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-73769-A-10-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-73769-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 144003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Total/NA	Solid	8015B NM	143850
MB 880-143850/1-A	Method Blank	Total/NA	Solid	8015B NM	143850
LCS 880-143850/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143850
LCS 880-143850/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143850
880-73769-A-10-B MS	Matrix Spike	Total/NA	Solid	8015B NM	143850
880-73769-A-10-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143850

## HPLC/IC

## Leach Batch: 143200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-2	H - 1 (0.5')	Soluble	Solid	DI Leach	
890-10068-3	H - 2 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-4	H - 2 (0.5')	Soluble	Solid	DI Leach	
890-10068-5	H - 3 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-6	H - 3 (0.5')	Soluble	Solid	DI Leach	
890-10068-7	H - 4 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-8	H - 4 (0.5')	Soluble	Solid	DI Leach	
890-10068-9	H - 5 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-10	H - 5 (0.5')	Soluble	Solid	DI Leach	
890-10068-11	H - 6 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-12	H - 6 (0.5')	Soluble	Solid	DI Leach	
890-10068-13	H - 7 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-14	H - 7 (0.5')	Soluble	Solid	DI Leach	
890-10068-15	H - 8 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-16	H - 8 (0.5')	Soluble	Solid	DI Leach	
MB 880-143200/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143200/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCS 880-143200/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10068-1 MS	H - 1 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-1 MSD	H - 1 (SURFACE)	Soluble	Solid	DI Leach	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

#### HPLC/IC (Continued)

##### Leach Batch: 143200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-11 MS	H - 6 (SURFACE)	Soluble	Solid	DI Leach	
890-10068-11 MSD	H - 6 (SURFACE)	Soluble	Solid	DI Leach	

##### Analysis Batch: 143214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-1	H - 1 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-2	H - 1 (0.5')	Soluble	Solid	300.0	143200
890-10068-3	H - 2 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-4	H - 2 (0.5')	Soluble	Solid	300.0	143200
890-10068-5	H - 3 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-6	H - 3 (0.5')	Soluble	Solid	300.0	143200
890-10068-7	H - 4 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-8	H - 4 (0.5')	Soluble	Solid	300.0	143200
890-10068-9	H - 5 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-10	H - 5 (0.5')	Soluble	Solid	300.0	143200
890-10068-11	H - 6 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-12	H - 6 (0.5')	Soluble	Solid	300.0	143200
890-10068-13	H - 7 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-14	H - 7 (0.5')	Soluble	Solid	300.0	143200
890-10068-15	H - 8 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-16	H - 8 (0.5')	Soluble	Solid	300.0	143200
MB 880-143200/1-A	Method Blank	Soluble	Solid	300.0	143200
LCS 880-143200/2-A	Lab Control Sample	Soluble	Solid	300.0	143200
LCSD 880-143200/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143200
890-10068-1 MS	H - 1 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-1 MSD	H - 1 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-11 MS	H - 6 (SURFACE)	Soluble	Solid	300.0	143200
890-10068-11 MSD	H - 6 (SURFACE)	Soluble	Solid	300.0	143200

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 1 (SURFACE)**

**Lab Sample ID: 890-10068-1**

Date Collected: 06/10/26 11:30

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 12:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 12:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/18/26 16:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143850	06/17/26 09:31	JN	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	144003	06/18/26 16:38	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 15:22	CS	EET MID

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

**Lab Sample ID: 890-10068-2**

Date Collected: 06/10/26 11:31

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 12:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 13:35	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 13:35	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 15:31	CS	EET MID

**Client Sample ID: H - 2 (SURFACE)**

**Lab Sample ID: 890-10068-3**

Date Collected: 06/10/26 11:33

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 12:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 12:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 13:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 13:51	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 15:36	CS	EET MID

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

**Lab Sample ID: 890-10068-4**

Date Collected: 06/10/26 11:34

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 13:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 13:18	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10068-4**

Date Collected: 06/10/26 11:34

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			143305	06/11/26 14:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 14:22	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 15:41	CS	EET MID

**Client Sample ID: H - 3 (SURFACE)**

**Lab Sample ID: 890-10068-5**

Date Collected: 06/10/26 11:36

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 13:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 13:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 14:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 14:38	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 15:59	CS	EET MID

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

**Lab Sample ID: 890-10068-6**

Date Collected: 06/10/26 11:37

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 13:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 14:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 14:54	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 16:13	CS	EET MID

**Client Sample ID: H - 4 (SURFACE)**

**Lab Sample ID: 890-10068-7**

Date Collected: 06/10/26 11:39

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 14:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 15:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 15:10	FC	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 4 (SURFACE)**

**Lab Sample ID: 890-10068-7**

Date Collected: 06/10/26 11:39

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 16:18	CS	EET MID

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

**Lab Sample ID: 890-10068-8**

Date Collected: 06/10/26 11:40

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 14:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 15:25	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 15:25	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 16:37	CS	EET MID

**Client Sample ID: H - 5 (SURFACE)**

**Lab Sample ID: 890-10068-9**

Date Collected: 06/10/26 11:42

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143384	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 15:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 15:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 15:41	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 15:41	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 16:41	CS	EET MID

**Client Sample ID: H - 5 (0.5')**

**Lab Sample ID: 890-10068-10**

Date Collected: 06/10/26 11:43

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 15:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 15:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 15:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 15:57	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 16:46	CS	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 6 (SURFACE)**

**Lab Sample ID: 890-10068-11**

Date Collected: 06/10/26 11:45

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 17:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 17:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/11/26 16:13	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	143167	06/10/26 17:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143261	06/11/26 16:13	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 16:51	CS	EET MID

**Client Sample ID: H - 6 (0.5')**

**Lab Sample ID: 890-10068-12**

Date Collected: 06/10/26 11:46

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 18:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 18:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/12/26 11:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143032	06/09/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143326	06/12/26 11:49	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 17:09	CS	EET MID

**Client Sample ID: H - 7 (SURFACE)**

**Lab Sample ID: 890-10068-13**

Date Collected: 06/10/26 11:48

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 18:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 18:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/12/26 12:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143032	06/09/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143326	06/12/26 12:09	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 17:14	CS	EET MID

**Client Sample ID: H - 7 (0.5')**

**Lab Sample ID: 890-10068-14**

Date Collected: 06/10/26 11:49

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 18:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 18:59	SA	EET MID

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
 SDG: Lea County New Mexico

**Client Sample ID: H - 7 (0.5')**

**Lab Sample ID: 890-10068-14**

Date Collected: 06/10/26 11:49

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			143305	06/11/26 23:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/11/26 23:54	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 17:28	CS	EET MID

**Client Sample ID: H - 8 (SURFACE)**

**Lab Sample ID: 890-10068-15**

Date Collected: 06/10/26 11:51

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 19:19	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/12/26 00:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 00:37	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 17:32	CS	EET MID

**Client Sample ID: H - 8 (0.5')**

**Lab Sample ID: 890-10068-16**

Date Collected: 06/10/26 11:52

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143384	06/12/26 11:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143343	06/12/26 19:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143547	06/12/26 19:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			143305	06/12/26 00:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 00:52	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143200	06/11/26 08:41	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143214	06/11/26 17:37	CS	EET MID

**Laboratory References:**

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

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
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 Texas NELAP T104704400. This list may include analytes for which the agency does not offer certification:			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
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- 14

# Method Summary

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
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: DOS EQUIS 12 - 13 FED COM 89H

Job ID: 890-10068-1  
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10068-1	H - 1 (SURFACE)	Solid	06/10/26 11:30	06/10/26 14:34	Texas
890-10068-2	H - 1 (0.5')	Solid	06/10/26 11:31	06/10/26 14:34	Texas
890-10068-3	H - 2 (SURFACE)	Solid	06/10/26 11:33	06/10/26 14:34	Texas
890-10068-4	H - 2 (0.5')	Solid	06/10/26 11:34	06/10/26 14:34	Texas
890-10068-5	H - 3 (SURFACE)	Solid	06/10/26 11:36	06/10/26 14:34	Texas
890-10068-6	H - 3 (0.5')	Solid	06/10/26 11:37	06/10/26 14:34	Texas
890-10068-7	H - 4 (SURFACE)	Solid	06/10/26 11:39	06/10/26 14:34	Texas
890-10068-8	H - 4 (0.5')	Solid	06/10/26 11:40	06/10/26 14:34	Texas
890-10068-9	H - 5 (SURFACE)	Solid	06/10/26 11:42	06/10/26 14:34	Texas
890-10068-10	H - 5 (0.5')	Solid	06/10/26 11:43	06/10/26 14:34	Texas
890-10068-11	H - 6 (SURFACE)	Solid	06/10/26 11:45	06/10/26 14:34	Texas
890-10068-12	H - 6 (0.5')	Solid	06/10/26 11:46	06/10/26 14:34	Texas
890-10068-13	H - 7 (SURFACE)	Solid	06/10/26 11:48	06/10/26 14:34	Texas
890-10068-14	H - 7 (0.5')	Solid	06/10/26 11:49	06/10/26 14:34	Texas
890-10068-15	H - 8 (SURFACE)	Solid	06/10/26 11:51	06/10/26 14:34	Texas
890-10068-16	H - 8 (0.5')	Solid	06/10/26 11:52	06/10/26 14:34	Texas

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Chain of Custody

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

Page 1 of 2

**Work Order Comments**

Program:  PST  PRP  Rowfields  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  
 City, State ZIP: Midland, TX 79701  
 Phone: 432-813-8988

Bill to: (if different) Laci Luig  
 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

**ANALYSIS RECEIPT**

Project Name: Dos Equis 12-13 Fed Com 89H  
 Project Number: 3315  
 Project Location: Lea County, New Mexico  
 Sampler's Name: KR

Turn Around:  Routine  Rush  
 Due Date: 48 Hour

Temp Blank: Yes  No   
 Thermometer ID: \_\_\_\_\_  
 Cooler Custody Seals: Yes  No   
 Correction Factor: \_\_\_\_\_  
 Sample Custody Seals: Yes  No   
 Temperature Reading: \_\_\_\_\_  
 Total Containers: \_\_\_\_\_  
 Corrected Temperature: 3.6

Pres. Code: \_\_\_\_\_

Parameters: \_\_\_\_\_

# of Cont: \_\_\_\_\_

Grab/Comp: \_\_\_\_\_

Water: \_\_\_\_\_

Soil: \_\_\_\_\_

Time: \_\_\_\_\_

Date: \_\_\_\_\_



890-10068 Chain of Custody

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	Sample Comments
H-1 (Surface)	6/10/2026	11:30	X		G	1			
H-1 (0.5')	6/10/2026	11:31	X		G	1			
H-2 (Surface)	6/10/2026	11:33	X		G	1			
H-2 (0.5')	6/10/2026	11:34	X		G	1			
H-3 (Surface)	6/10/2026	11:36	X		G	1			
H-3 (0.5')	6/10/2026	11:37	X		G	1			
H-4 (Surface)	6/10/2026	11:39	X		G	1			
H-4 (0.5')	6/10/2026	11:40	X		G	1			
H-5 (Surface)	6/10/2026	11:42	X		G	1			
H-5 (0.5')	6/10/2026	11:43	X		G	1			

**Comments:**

\_\_\_\_\_

Relinquished by: (Signature) \_\_\_\_\_

Date/Time: \_\_\_\_\_

Received by: (Signature) *S. Smith*

Date/Time: 6/10/2026 14:31

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Chain of Custody

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

Page 2 of 2

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

Work Order Comments

Program: UST/PST PRP rownfields RC perfund

State of Project:

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

Deliverables:  EDD  ADaPT  Other:

Project Name:	Dos Equis 12-13 Fed Com 89H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST	Preservative Codes
Project Number:	3315	Due Date:	48 Hour				None: NO DI Water: H <sub>2</sub> O
Project Location:	Lea County, New Mexico	Temp Blank:	Yes No	Wet Ice:	Yes No		Cool: Cool MeOH: Me
Sampler's Name:	KR	Temp Blank:	(Yes) No	Thermometer ID:	Thermo		HCL: HC HNO <sub>3</sub> : HN
PO #:		Temp Blank:	(Yes) No	Correction Factor:	1.00		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
SAMPLE RECEIPT		Temp Blank:	(Yes) No	Temperature Reading:	3.8		H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	(Yes) No	Temp Blank:	(Yes) No	Corrected Temperature:	3.6		NaHSO <sub>4</sub> : NABIS
Cooler Custody Seals:	Yes No (N/A)	Temp Blank:	(Yes) No				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
Sample Custody Seals:	Yes No (N/A)	Temp Blank:	(Yes) No				Zn Acetate+NaOH: Zn
Total Containers:		Temp Blank:	(Yes) No				NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments
							TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	
H-6 (Surface)	6/10/2026	11:45	X		G	1	X	X	
H-6 (0.5')	6/10/2026	11:46	X		G	1	X	X	
H-7 (Surface)	6/10/2026	11:48	X		G	1	X	X	
H-7 (0.5')	6/10/2026	11:49	X		G	1	X	X	
H-8 (Surface)	6/10/2026	11:51	X		G	1	X	X	
H-8 (0.5')	6/10/2026	11:52	X		G	1	X	X	

Comments:

Relinquished by: (Signature)	Received by: (Signature)
Date/Time	Date/Time
	6/10/2026





Eurofins Carlsbad

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

Chain of Custody Record



Environmental Testing

Client Information (Sub Contract Lab)  
Client Contact: [Blank] Sampler: N/A  
Shipping/Receiving: [Blank] Phone: N/A  
Eurofins Environment Testing South Cent: [Blank] Email: Jessica.Kramer@eurofins.com  
Address: 1211 W. Florida Ave. Due Date Requested: 6/12/2026  
City: Midland TAT Requested (days): N/A  
State, Zip: TX, 79701  
Phone: 432-704-5440(Te) PO #: N/A  
Email: N/A MO #: N/A  
Project #: 88001161  
DOS EQUIS 12 - 13 FED COM 89H  
Site: SSOV#: N/A  
N/A

Analysis Requested  
Lab PM: Kramer, Jessica  
Carrier Tracking No(s): N/A  
State of Origin: Texas  
Accreditations Required (See note): NELAP - Texas  
COC No.: 890-7019-1  
Page: Page 1 of 2  
Job #: 890-10068-1  
Preservation Codes:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Vendor, Solid, Over-sat, BT=Trace, As/Al)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8021B/5035FP_CalcBTEX	Total_BTEX_GCV	8015MOD_Calc	8015MOD_NM/8015NM_S_PrepFull TPH	300_ORGFM_28D/DI_LEACHChloride	Total Number of containers	Special Instructions/Note:
H - 1 (SURFACE) (890-10068-1)	6/10/26	11:30	G	Solid	X	X	X	X	X	X	X	1	
H - 1 (0.5') (890-10068-2)	6/10/26	11:31	G	Solid	X	X	X	X	X	X	X	1	
H - 2 (SURFACE) (890-10068-3)	6/10/26	11:33	G	Solid	X	X	X	X	X	X	X	1	
H - 2 (0.5') (890-10068-4)	6/10/26	11:34	G	Solid	X	X	X	X	X	X	X	1	
H - 3 (SURFACE) (890-10068-5)	6/10/26	11:36	G	Solid	X	X	X	X	X	X	X	1	
H - 3 (0.5') (890-10068-6)	6/10/26	11:37	G	Solid	X	X	X	X	X	X	X	1	
H - 4 (SURFACE) (890-10068-7)	6/10/26	11:39	G	Solid	X	X	X	X	X	X	X	1	
H - 4 (0.5') (890-10068-8)	6/10/26	11:40	G	Solid	X	X	X	X	X	X	X	1	
H - 5 (SURFACE) (890-10068-9)	6/10/26	11:42	G	Solid	X	X	X	X	X	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 instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification  
Unconfirmed  
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2  
Special Instructions/QC Requirements:  
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)  
 Return To Client  Disposal By Lab  Archive For \_\_\_\_\_ Months

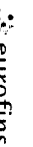
Empty Kit Relinquished by: [Signature] Date: [Blank]  
Relinquished by: [Signature] Date/Time: 6/10 1630 Company: [Blank]  
Relinquished by: [Signature] Date/Time: [Blank] Received by: [Signature] Date/Time: 6/11/26 800 Company: [Blank]

Relinquished by: [Blank] Date/Time: [Blank] Company: [Blank]  
Custody Seals Intact: [Blank] Custody Seal No.: [Blank]  
Cooler Temperature(s) °C and Other Remarks: [Blank]

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**Eurofins Carlsbad**

**Chain of Custody Record**



Environment Testing

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

**Client Information (Sub Contract Lab)**

Client Contact: Shipping/Receiving  
Company: 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: DOS EQUIS 12 - 13 FED COM 89H  
Site: N/A  
Project #: 88001161  
SSON#: N/A

Lab P#: Kramer, Jessica  
E-Mail: Jessica.Kramer@get.eurofins.com  
Carrier Tracking No(s): N/A  
State of Origin: Texas

COC No: 890-7019.2  
Page: Page 2 of 2  
Job #: 890-10068-1  
Preservation Codes:

Pure Date Requested: 6/12/2026  
TAT Requested (days): N/A

**Analysis Requested**

Sample ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix (Water, Solid, On-surface, BT=Trace, AA=)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
H - 5 (0.5) (890-10068-10)	6/10/26	11:43	G	Solid	X	X	8021B/5035FP_CalcBTEX Total_BTEX_GCV 8015MOD_Calc 8015MOD_NM/8015NM_S_PrepFull TPH 300_ORGFM_28D/DI_LEACHChloride	1	
H - 6 (SURFACE) (890-10068-11)	6/10/26	11:45	G	Solid	X	X		1	
H - 6 (0.5) (890-10068-12)	6/10/26	11:46	G	Solid	X	X		1	
H - 7 (SURFACE) (890-10068-13)	6/10/26	11:48	G	Solid	X	X		1	
H - 7 (0.5) (890-10068-14)	6/10/26	11:49	G	Solid	X	X		1	
H - 8 (SURFACE) (890-10068-15)	6/10/26	11:51	G	Solid	X	X		1	
H - 8 (0.5) (890-10068-16)	6/10/26	11:52	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/testing/being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

**Possible Hazard Identification**

Unconfirmed Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2  
 Return To Client  
 Disposal By Lab  
 Archive For \_\_\_\_\_ Months  
 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Relinquished by: *Burns* Date/Time: 6/10 1630 Company: \_\_\_\_\_  
 Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: *SA* Date/Time: 6/11/26 810 Company: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact:  Yes  No  
 Custody Seal No.: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks:

### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10068-1  
SDG Number: Lea County New Mexico

**Login Number: 10068**  
**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: 890-10068-1  
SDG Number: Lea County New Mexico

**Login Number: 10068**  
**List Number: 2**  
**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**  
**List Creation: 06/11/26 06:19 AM**

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

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/16/2026 1:23:02 PM

## JOB DESCRIPTION

DOS EQUIS 12 -13 Fed Com 89H  
 Lea County New Mexico

## JOB NUMBER

890-10070-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



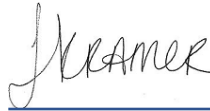
# Eurofins Carlsbad

## 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  
6/16/2026 1:23:02 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: DOS EQUIS 12 -13 Fed Com 89H

Laboratory Job ID: 890-10070-1  
SDG: Lea County New Mexico

# Table of Contents

Cover Page . . . . .	1
Table of Contents . . . . .	3
Definitions/Glossary . . . . .	4
Case Narrative . . . . .	5
Client Sample Results . . . . .	7
Surrogate Summary . . . . .	17
QC Sample Results . . . . .	19
QC Association Summary . . . . .	28
Lab Chronicle . . . . .	33
Certification Summary . . . . .	37
Method Summary . . . . .	38
Sample Summary . . . . .	39
Chain of Custody . . . . .	40
Receipt Checklists . . . . .	44

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

## Definitions/Glossary

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
SDG: Lea County New Mexico

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1

**Job ID: 890-10070-1**

**Eurofins Carlsbad**

### Job Narrative 890-10070-1

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 6/10/2026 2:34 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

### Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S - 1 (SURFACE) (890-10070-1), S - 1 (1.0') (890-10070-2), S - 1 (1.5') (890-10070-3), S - 2 (SURFACE) (890-10070-4), S - 2 (1.0') (890-10070-5), S - 2 (1.5') (890-10070-6), S - 3 (SURFACE) (890-10070-7), S - 3 (1.0') (890-10070-8), S - 3 (1.5') (890-10070-9), S - 4 (SURFACE) (890-10070-10), S - 4 (1.0') (890-10070-11) and S - 4 (1.5') (890-10070-12).

### GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-143410 and analytical batch 880-143348 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 8021B: The following sample was diluted due to the nature of the sample matrix: S - 4 (1.5') (890-10070-12). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 1 (SURFACE) (890-10070-1), S - 1 (1.0') (890-10070-2), S - 2 (SURFACE) (890-10070-4), S - 2 (1.0') (890-10070-5), S - 4 (SURFACE) (890-10070-10) and S - 4 (1.0') (890-10070-11). Evidence of matrix interferences is not obvious.

Method 8021B: The following sample was diluted due to the nature of the sample matrix: S - 1 (1.5') (890-10070-3). Elevated reporting limits (RLs) are provided.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 1 (SURFACE) (890-10070-1), S - 1 (1.0') (890-10070-2), S - 2 (SURFACE) (890-10070-4), S - 2 (1.0') (890-10070-5), S - 4 (SURFACE) (890-10070-10) and S - 4 (1.0') (890-10070-11). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-143527 and analytical batch 880-143511 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.

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: Surrogate recovery for the following samples were outside control limits: S - 1 (1.0') (890-10070-2), S - 2 (SURFACE) (890-10070-4), S - 2 (1.0') (890-10070-5), S - 4 (SURFACE) (890-10070-10) and S - 4 (1.0') (890-10070-11). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: S - 1 (SURFACE) (890-10070-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Eurofins Carlsbad

### Case Narrative

Client: Carmona Resources  
Project: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1

**Job ID: 890-10070-1 (Continued)**

**Eurofins Carlsbad**

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

**HPLC/IC**

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143201 and analytical batch 880-143213 were outside control limits for Chloride . 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.

Chloride

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143201 and analytical batch 880-143213 were outside control limits for Chloride . 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.

The associated samples are: S - 4 (1.0') (890-10070-11), S - 4 (1.5') (890-10070-12), (890-10070-A-11-C MS) and (890-10070-A-11-D MSD).

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



Eurofins Carlsbad

### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 1 (SURFACE)**

**Lab Sample ID: 890-10070-1**

Date Collected: 06/10/26 11:00

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.73		0.201		mg/Kg		06/12/26 11:52	06/12/26 18:07	100
Toluene	49.3		1.00		mg/Kg		06/15/26 09:39	06/15/26 17:04	500
Ethylbenzene	22.9		0.201		mg/Kg		06/12/26 11:52	06/12/26 18:07	100
m-Xylene & p-Xylene	75.4		0.402		mg/Kg		06/12/26 11:52	06/12/26 18:07	100
o-Xylene	26.0		0.201		mg/Kg		06/12/26 11:52	06/12/26 18:07	100
Xylenes, Total	101		0.402		mg/Kg		06/12/26 11:52	06/12/26 18:07	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	278	S1+	70 - 130	06/12/26 11:52	06/12/26 18:07	100
1,4-Difluorobenzene (Surr)	109		70 - 130	06/12/26 11:52	06/12/26 18:07	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	175		0.402		mg/Kg			06/15/26 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	6690		50.0		mg/Kg			06/12/26 01:06	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	1940		50.0		mg/Kg		06/11/26 06:43	06/12/26 01:06	1
Diesel Range Organics (Over C10-C28)	4350		50.0		mg/Kg		06/11/26 06:43	06/12/26 01:06	1
Oil Range Organics (Over C28-C36)	402		50.0		mg/Kg		06/11/26 06:43	06/12/26 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	06/11/26 06:43	06/12/26 01:06	1
o-Terphenyl (Surr)	134	S1+	70 - 130	06/11/26 06:43	06/12/26 01:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6230	F1	200		mg/Kg			06/11/26 14:14	20

**Client Sample ID: S - 1 (1.0')**

**Lab Sample ID: 890-10070-2**

Date Collected: 06/10/26 11:01

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.74		0.202		mg/Kg		06/12/26 11:52	06/12/26 18:28	100
Toluene	76.8		0.998		mg/Kg		06/15/26 09:39	06/15/26 17:25	500
Ethylbenzene	32.3		0.202		mg/Kg		06/12/26 11:52	06/12/26 18:28	100
m-Xylene & p-Xylene	112		2.00		mg/Kg		06/15/26 09:39	06/15/26 17:25	500
o-Xylene	35.6		0.202		mg/Kg		06/12/26 11:52	06/12/26 18:28	100
Xylenes, Total	156		2.00		mg/Kg		06/15/26 09:39	06/15/26 17:25	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	341	S1+	70 - 130	06/12/26 11:52	06/12/26 18:28	100
1,4-Difluorobenzene (Surr)	107		70 - 130	06/12/26 11:52	06/12/26 18:28	100

Eurofins Carlsbad

### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 1 (1.0')**

**Lab Sample ID: 890-10070-2**

Date Collected: 06/10/26 11:01

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	262		2.00		mg/Kg			06/15/26 17:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	10800		249		mg/Kg			06/12/26 01:20	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	3470		249		mg/Kg		06/11/26 06:43	06/12/26 01:20	5
Diesel Range Organics (Over C10-C28)	6910		249		mg/Kg		06/11/26 06:43	06/12/26 01:20	5
Oil Range Organics (Over C28-C36)	468		249		mg/Kg		06/11/26 06:43	06/12/26 01:20	5
<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)	132	S1+	70 - 130				06/11/26 06:43	06/12/26 01:20	5
o-Terphenyl (Surr)	187	S1+	70 - 130				06/11/26 06:43	06/12/26 01:20	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7310		99.6		mg/Kg			06/11/26 14:29	10

**Client Sample ID: S - 1 (1.5')**

**Lab Sample ID: 890-10070-3**

Date Collected: 06/10/26 11:02

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		06/12/26 11:52	06/12/26 13:55	10
Toluene	0.170		0.0199		mg/Kg		06/12/26 11:52	06/12/26 13:55	10
Ethylbenzene	0.0726		0.0199		mg/Kg		06/12/26 11:52	06/12/26 13:55	10
m-Xylene & p-Xylene	0.267		0.0398		mg/Kg		06/12/26 11:52	06/12/26 13:55	10
o-Xylene	0.293		0.0199		mg/Kg		06/12/26 11:52	06/12/26 13:55	10
Xylenes, Total	0.560		0.0398		mg/Kg		06/12/26 11:52	06/12/26 13:55	10
<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)	93		70 - 130				06/12/26 11:52	06/12/26 13:55	10
1,4-Difluorobenzene (Surr)	106		70 - 130				06/12/26 11:52	06/12/26 13:55	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.803		0.0398		mg/Kg			06/12/26 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	178		49.8		mg/Kg			06/12/26 01:34	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	<49.8	U	49.8		mg/Kg		06/11/26 06:43	06/12/26 01:34	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 1 (1.5')**

**Lab Sample ID: 890-10070-3**

Date Collected: 06/10/26 11:02

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	88.3		49.8		mg/Kg		06/11/26 06:43	06/12/26 01:34	1
Oil Range Organics (Over C28-C36)	89.8		49.8		mg/Kg		06/11/26 06:43	06/12/26 01:34	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)	78		70 - 130				06/11/26 06:43	06/12/26 01:34	1
o-Terphenyl (Surr)	87		70 - 130				06/11/26 06:43	06/12/26 01:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		49.6		mg/Kg			06/11/26 14:33	5

**Client Sample ID: S - 2 (SURFACE)**

**Lab Sample ID: 890-10070-4**

Date Collected: 06/10/26 11:06

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13.0		0.199		mg/Kg		06/12/26 11:52	06/12/26 18:49	100
Toluene	142		0.996		mg/Kg		06/15/26 09:39	06/15/26 17:45	500
Ethylbenzene	44.0		0.996		mg/Kg		06/15/26 09:39	06/15/26 17:45	500
m-Xylene & p-Xylene	167		1.99		mg/Kg		06/15/26 09:39	06/15/26 17:45	500
o-Xylene	51.9		0.996		mg/Kg		06/15/26 09:39	06/15/26 17:45	500
Xylenes, Total	219		1.99		mg/Kg		06/15/26 09:39	06/15/26 17:45	500
<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)	284	S1+	70 - 130				06/12/26 11:52	06/12/26 18:49	100
1,4-Difluorobenzene (Surr)	119		70 - 130				06/12/26 11:52	06/12/26 18:49	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	418		1.99		mg/Kg			06/15/26 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	13800		250		mg/Kg			06/12/26 01:49	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	4520		250		mg/Kg		06/11/26 06:43	06/12/26 01:49	5
Diesel Range Organics (Over C10-C28)	8710		250		mg/Kg		06/11/26 06:43	06/12/26 01:49	5
Oil Range Organics (Over C28-C36)	591		250		mg/Kg		06/11/26 06:43	06/12/26 01:49	5
<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)	164	S1+	70 - 130				06/11/26 06:43	06/12/26 01:49	5
o-Terphenyl (Surr)	214	S1+	70 - 130				06/11/26 06:43	06/12/26 01:49	5

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 2 (SURFACE)**

**Lab Sample ID: 890-10070-4**

Date Collected: 06/10/26 11:06

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		99.6		mg/Kg			06/11/26 14:38	10

**Client Sample ID: S - 2 (1.0')**

**Lab Sample ID: 890-10070-5**

Date Collected: 06/10/26 11:07

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12.0		0.200		mg/Kg		06/12/26 11:52	06/12/26 17:05	100
Toluene	163		0.994		mg/Kg		06/15/26 09:39	06/15/26 18:06	500
Ethylbenzene	53.0		0.994		mg/Kg		06/15/26 09:39	06/15/26 18:06	500
m-Xylene & p-Xylene	204		1.99		mg/Kg		06/15/26 09:39	06/15/26 18:06	500
o-Xylene	67.7		0.994		mg/Kg		06/15/26 09:39	06/15/26 18:06	500
Xylenes, Total	272		1.99		mg/Kg		06/15/26 09:39	06/15/26 18:06	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	425	S1+	70 - 130	06/12/26 11:52	06/12/26 17:05	100
1,4-Difluorobenzene (Surr)	122		70 - 130	06/12/26 11:52	06/12/26 17:05	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	500		1.99		mg/Kg			06/15/26 18:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18300		250		mg/Kg			06/12/26 02:03	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	6290		250		mg/Kg		06/11/26 06:43	06/12/26 02:03	5
Diesel Range Organics (Over C10-C28)	11100		250		mg/Kg		06/11/26 06:43	06/12/26 02:03	5
Oil Range Organics (Over C28-C36)	873		250		mg/Kg		06/11/26 06:43	06/12/26 02:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	212	S1+	70 - 130	06/11/26 06:43	06/12/26 02:03	5
o-Terphenyl (Surr)	250	S1+	70 - 130	06/11/26 06:43	06/12/26 02:03	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	746		99.8		mg/Kg			06/11/26 14:43	10

**Client Sample ID: S - 2 (1.5')**

**Lab Sample ID: 890-10070-6**

Date Collected: 06/10/26 11:08

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00374		0.00201		mg/Kg		06/12/26 11:52	06/12/26 15:41	1
Toluene	0.0177		0.00201		mg/Kg		06/12/26 11:52	06/12/26 15:41	1
Ethylbenzene	0.00303		0.00201		mg/Kg		06/12/26 11:52	06/12/26 15:41	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 2 (1.5')**

**Lab Sample ID: 890-10070-6**

Date Collected: 06/10/26 11:08

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	0.0108		0.00402		mg/Kg		06/12/26 11:52	06/12/26 15:41	1
o-Xylene	0.00402		0.00201		mg/Kg		06/12/26 11:52	06/12/26 15:41	1
Xylenes, Total	0.0148		0.00402		mg/Kg		06/12/26 11:52	06/12/26 15:41	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
4-Bromofluorobenzene (Surr)	108		70 - 130				06/12/26 11:52	06/12/26 15:41	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/12/26 11:52	06/12/26 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0393		0.00402		mg/Kg			06/12/26 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	297		49.9		mg/Kg			06/12/26 02:18	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	72.1		49.9		mg/Kg		06/11/26 06:43	06/12/26 02:18	1
Diesel Range Organics (Over C10-C28)	132		49.9		mg/Kg		06/11/26 06:43	06/12/26 02:18	1
Oil Range Organics (Over C28-C36)	92.9		49.9		mg/Kg		06/11/26 06:43	06/12/26 02:18	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)	81		70 - 130				06/11/26 06:43	06/12/26 02:18	1
o-Terphenyl (Surr)	88		70 - 130				06/11/26 06:43	06/12/26 02:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		49.6		mg/Kg			06/11/26 14:58	5

**Client Sample ID: S - 3 (SURFACE)**

**Lab Sample ID: 890-10070-7**

Date Collected: 06/10/26 11:12

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00222		0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:02	1
Toluene	0.00834		0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:02	1
m-Xylene & p-Xylene	0.00487		0.00401		mg/Kg		06/12/26 11:52	06/12/26 16:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:02	1
Xylenes, Total	0.00487		0.00401		mg/Kg		06/12/26 11:52	06/12/26 16:02	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				06/12/26 11:52	06/12/26 16:02	1
1,4-Difluorobenzene (Surr)	102		70 - 130				06/12/26 11:52	06/12/26 16:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0154		0.00401		mg/Kg			06/12/26 16:02	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 3 (SURFACE)**

**Lab Sample ID: 890-10070-7**

Date Collected: 06/10/26 11:12

Matrix: Solid

Date Received: 06/10/26 14:34

**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			06/12/26 02:32	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	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 02:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 02:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				06/11/26 06:43	06/12/26 02:32	1
o-Terphenyl (Surr)	81		70 - 130				06/11/26 06:43	06/12/26 02:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		99.2		mg/Kg			06/11/26 15:03	10

**Client Sample ID: S - 3 (1.0')**

**Lab Sample ID: 890-10070-8**

Date Collected: 06/10/26 11:13

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00528		0.00199		mg/Kg		06/12/26 11:52	06/12/26 16:23	1
Toluene	0.0144		0.00199		mg/Kg		06/12/26 11:52	06/12/26 16:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 11:52	06/12/26 16:23	1
m-Xylene & p-Xylene	0.00517		0.00398		mg/Kg		06/12/26 11:52	06/12/26 16:23	1
o-Xylene	0.00213		0.00199		mg/Kg		06/12/26 11:52	06/12/26 16:23	1
Xylenes, Total	0.00730		0.00398		mg/Kg		06/12/26 11:52	06/12/26 16:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				06/12/26 11:52	06/12/26 16:23	1
1,4-Difluorobenzene (Surr)	104		70 - 130				06/12/26 11:52	06/12/26 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0270		0.00398		mg/Kg			06/12/26 16:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			06/12/26 03:00	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	<49.9	U	49.9		mg/Kg		06/11/26 06:43	06/12/26 03:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		06/11/26 06:43	06/12/26 03:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		06/11/26 06:43	06/12/26 03:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				06/11/26 06:43	06/12/26 03:00	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 3 (1.0')**

**Lab Sample ID: 890-10070-8**

Date Collected: 06/10/26 11:13

Matrix: Solid

Date Received: 06/10/26 14:34

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
<i>o</i> -Terphenyl (Surr)	82		70 - 130	06/11/26 06:43	06/12/26 03:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		49.6		mg/Kg			06/11/26 15:08	5

**Client Sample ID: S - 3 (1.5')**

**Lab Sample ID: 890-10070-9**

Date Collected: 06/10/26 11:14

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:44	1
Toluene	0.0152		0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:44	1
<i>m</i> -Xylene & <i>p</i> -Xylene	0.00605		0.00399		mg/Kg		06/12/26 11:52	06/12/26 16:44	1
<i>o</i> -Xylene	0.00261		0.00200		mg/Kg		06/12/26 11:52	06/12/26 16:44	1
Xylenes, Total	0.00866		0.00399		mg/Kg		06/12/26 11:52	06/12/26 16:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130	06/12/26 11:52	06/12/26 16:44	1
1,4-Difluorobenzene (Surr)	106		70 - 130	06/12/26 11:52	06/12/26 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0239		0.00399		mg/Kg			06/12/26 16:44	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			06/12/26 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	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 03:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 03:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 03:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130	06/11/26 06:43	06/12/26 03:14	1
<i>o</i> -Terphenyl (Surr)	86		70 - 130	06/11/26 06:43	06/12/26 03:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		49.7		mg/Kg			06/11/26 15:13	5

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 4 (SURFACE)**

**Lab Sample ID: 890-10070-10**

Date Collected: 06/10/26 11:18

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.05		0.201		mg/Kg		06/12/26 11:52	06/12/26 17:26	100
Toluene	63.8		0.998		mg/Kg		06/15/26 09:39	06/15/26 18:26	500
Ethylbenzene	27.0		0.201		mg/Kg		06/12/26 11:52	06/12/26 17:26	100
m-Xylene & p-Xylene	93.2		2.00		mg/Kg		06/15/26 09:39	06/15/26 18:26	500
o-Xylene	34.8		0.201		mg/Kg		06/12/26 11:52	06/12/26 17:26	100
Xylenes, Total	126		2.00		mg/Kg		06/15/26 09:39	06/15/26 18:26	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	319	S1+	70 - 130	06/12/26 11:52	06/12/26 17:26	100
1,4-Difluorobenzene (Surr)	107		70 - 130	06/12/26 11:52	06/12/26 17:26	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	223		2.00		mg/Kg			06/15/26 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8510		49.9		mg/Kg			06/12/26 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	2700		49.9		mg/Kg		06/11/26 06:43	06/12/26 03:29	1
Diesel Range Organics (Over C10-C28)	5310		49.9		mg/Kg		06/11/26 06:43	06/12/26 03:29	1
Oil Range Organics (Over C28-C36)	499		49.9		mg/Kg		06/11/26 06:43	06/12/26 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130	06/11/26 06:43	06/12/26 03:29	1
o-Terphenyl (Surr)	167	S1+	70 - 130	06/11/26 06:43	06/12/26 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	329		99.2		mg/Kg			06/11/26 15:18	10

**Client Sample ID: S - 4 (1.0')**

**Lab Sample ID: 890-10070-11**

Date Collected: 06/10/26 11:19

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.06		0.202		mg/Kg		06/12/26 11:52	06/12/26 17:46	100
Toluene	92.3		1.01		mg/Kg		06/15/26 09:39	06/15/26 18:47	500
Ethylbenzene	27.3		0.202		mg/Kg		06/12/26 11:52	06/12/26 17:46	100
m-Xylene & p-Xylene	121		2.01		mg/Kg		06/15/26 09:39	06/15/26 18:47	500
o-Xylene	30.7		0.202		mg/Kg		06/12/26 11:52	06/12/26 17:46	100
Xylenes, Total	162		2.01		mg/Kg		06/15/26 09:39	06/15/26 18:47	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	291	S1+	70 - 130	06/12/26 11:52	06/12/26 17:46	100
1,4-Difluorobenzene (Surr)	115		70 - 130	06/12/26 11:52	06/12/26 17:46	100

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 4 (1.0')**

**Lab Sample ID: 890-10070-11**

Date Collected: 06/10/26 11:19

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	276		2.01		mg/Kg			06/15/26 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	8060		49.9		mg/Kg			06/12/26 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2720		49.9		mg/Kg		06/11/26 06:43	06/12/26 03:43	1
Diesel Range Organics (Over C10-C28)	4890		49.9		mg/Kg		06/11/26 06:43	06/12/26 03:43	1
Oil Range Organics (Over C28-C36)	451		49.9		mg/Kg		06/11/26 06:43	06/12/26 03:43	1
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
1-Chlorooctane (Surr)	131	S1+	70 - 130				06/11/26 06:43	06/12/26 03:43	1
o-Terphenyl (Surr)	157	S1+	70 - 130				06/11/26 06:43	06/12/26 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4340	F1	100		mg/Kg			06/11/26 15:23	10

**Client Sample ID: S - 4 (1.5')**

**Lab Sample ID: 890-10070-12**

Date Collected: 06/10/26 11:20

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199		mg/Kg		06/12/26 08:00	06/12/26 16:15	10
Toluene	<0.0199	U	0.0199		mg/Kg		06/12/26 08:00	06/12/26 16:15	10
Ethylbenzene	<0.0199	U	0.0199		mg/Kg		06/12/26 08:00	06/12/26 16:15	10
m-Xylene & p-Xylene	<0.0398	U **	0.0398		mg/Kg		06/12/26 08:00	06/12/26 16:15	10
o-Xylene	<0.0199	U **	0.0199		mg/Kg		06/12/26 08:00	06/12/26 16:15	10
Xylenes, Total	<0.0398	U **	0.0398		mg/Kg		06/12/26 08:00	06/12/26 16:15	10
<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)	91		70 - 130				06/12/26 08:00	06/12/26 16:15	10
1,4-Difluorobenzene (Surr)	77		70 - 130				06/12/26 08:00	06/12/26 16:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.0398	U	0.0398		mg/Kg			06/12/26 16:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	285		50.0		mg/Kg			06/12/26 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 03:57	1

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### Client Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 4 (1.5')**

**Lab Sample ID: 890-10070-12**

Date Collected: 06/10/26 11:20

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	82.1		50.0		mg/Kg		06/11/26 06:43	06/12/26 03:57	1
Oil Range Organics (Over C28-C36)	203		50.0		mg/Kg		06/11/26 06:43	06/12/26 03:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				06/11/26 06:43	06/12/26 03:57	1
o-Terphenyl (Surr)	91		70 - 130				06/11/26 06:43	06/12/26 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		49.6		mg/Kg			06/11/26 15:38	5

## Surrogate Summary

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
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)
880-73388-A-1-C MS	Matrix Spike	129	93
880-73388-A-1-D MSD	Matrix Spike Duplicate	120	106
880-73427-A-1-A MS	Matrix Spike	103	104
880-73427-A-1-B MSD	Matrix Spike Duplicate	106	102
880-73608-A-10-C MS	Matrix Spike	115	96
880-73608-A-10-D MSD	Matrix Spike Duplicate	99	89
890-10070-1	S - 1 (SURFACE)	278 S1+	109
890-10070-2	S - 1 (1.0')	341 S1+	107
890-10070-3	S - 1 (1.5')	93	106
890-10070-4	S - 2 (SURFACE)	284 S1+	119
890-10070-5	S - 2 (1.0')	425 S1+	122
890-10070-6	S - 2 (1.5')	108	104
890-10070-7	S - 3 (SURFACE)	108	102
890-10070-8	S - 3 (1.0')	105	104
890-10070-9	S - 3 (1.5')	118	106
890-10070-10	S - 4 (SURFACE)	319 S1+	107
890-10070-11	S - 4 (1.0')	291 S1+	115
890-10070-12	S - 4 (1.5')	91	77
890-10074-A-1-I MS	Matrix Spike	101	101
890-10074-A-1-J MSD	Matrix Spike Duplicate	125	107
LCS 880-143386/1-A	Lab Control Sample	97	104
LCS 880-143387/1-A	Lab Control Sample	104	103
LCS 880-143410/1-A	Lab Control Sample	121	104
LCS 880-143527/1-A	Lab Control Sample	117	96
LCS 880-143386/2-A	Lab Control Sample Dup	107	99
LCS 880-143387/2-A	Lab Control Sample Dup	103	103
LCS 880-143410/2-A	Lab Control Sample Dup	130	115
LCS 880-143527/2-A	Lab Control Sample Dup	107	98
MB 880-143386/5-A	Method Blank	102	94
MB 880-143387/5-A	Method Blank	93	94
MB 880-143410/5-A	Method Blank	305 S1+	111
MB 880-143527/5-A	Method Blank	106	87

## 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)
890-10068-A-14-C MS	Matrix Spike	92	85
890-10068-A-14-D MSD	Matrix Spike Duplicate	93	85
890-10070-1	S - 1 (SURFACE)	110	134 S1+
890-10070-2	S - 1 (1.0')	132 S1+	187 S1+
890-10070-3	S - 1 (1.5')	78	87
890-10070-4	S - 2 (SURFACE)	164 S1+	214 S1+
890-10070-5	S - 2 (1.0')	212 S1+	250 S1+

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### Surrogate Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

**Matrix: Solid**

**Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
890-10070-6	S - 2 (1.5')	81	88
890-10070-7	S - 3 (SURFACE)	72	81
890-10070-8	S - 3 (1.0')	76	82
890-10070-9	S - 3 (1.5')	80	86
890-10070-10	S - 4 (SURFACE)	137 S1+	167 S1+
890-10070-11	S - 4 (1.0')	131 S1+	157 S1+
890-10070-12	S - 4 (1.5')	79	91
LCS 880-143179/2-A	Lab Control Sample	98	94
LCSD 880-143179/3-A	Lab Control Sample Dup	98	93
MB 880-143179/1-A	Method Blank	94	98

**Surrogate Legend**

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

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

### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-143386/5-A  
 Matrix: Solid  
 Analysis Batch: 143344

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	06/12/26 08:00	06/12/26 12:06	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/12/26 08:00	06/12/26 12:06	1

Lab Sample ID: LCS 880-143386/1-A  
 Matrix: Solid  
 Analysis Batch: 143344

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1063		mg/Kg		106	70 - 130
Toluene	0.100	0.09700		mg/Kg		97	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2134		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-143386/2-A  
 Matrix: Solid  
 Analysis Batch: 143344

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143386

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1043		mg/Kg		104	70 - 130	2	35
Toluene	0.100	0.1016		mg/Kg		102	70 - 130	5	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.2364		mg/Kg		118	70 - 130	10	35
o-Xylene	0.100	0.1152		mg/Kg		115	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-73427-A-1-A MS  
 Matrix: Solid  
 Analysis Batch: 143344

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 143386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09621		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.08838		mg/Kg		88	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-73427-A-1-A MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143344

Prep Batch: 143386

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.09511		mg/Kg		95	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1928		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.100	0.09354		mg/Kg		94	70 - 130

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

Lab Sample ID: 880-73427-A-1-B MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143344

Prep Batch: 143386

Analyte	Sample	Sample	Spike Added	MSD	MSD	Unit	D	%Rec	%Rec Limits	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09493		mg/Kg		95	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09052		mg/Kg		91	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.09749		mg/Kg		97	70 - 130	2	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2003		mg/Kg		100	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09781		mg/Kg		98	70 - 130	4	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-143387/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143349

Prep Batch: 143387

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 10:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 10:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 10:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 10:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 10:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 10:47	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	93		70 - 130	06/12/26 08:00	06/12/26 10:47	1
1,4-Difluorobenzene (Surr)	94		70 - 130	06/12/26 08:00	06/12/26 10:47	1

Lab Sample ID: LCS 880-143387/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143349

Prep Batch: 143387

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.08289		mg/Kg		83	70 - 130
Toluene	0.100	0.08530		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.08267		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1683		mg/Kg		84	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143387/1-A

Matrix: Solid

Analysis Batch: 143349

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 143387

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.08705		mg/Kg		87	70 - 130

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

Lab Sample ID: LCSD 880-143387/2-A

Matrix: Solid

Analysis Batch: 143349

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 143387

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09315		mg/Kg		93	70 - 130	12	35
Toluene	0.100	0.09554		mg/Kg		96	70 - 130	11	35
Ethylbenzene	0.100	0.09238		mg/Kg		92	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1869		mg/Kg		93	70 - 130	10	35
o-Xylene	0.100	0.09689		mg/Kg		97	70 - 130	11	35

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

Lab Sample ID: 890-10074-A-1-I MS

Matrix: Solid

Analysis Batch: 143349

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 143387

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08974		mg/Kg		90	70 - 130
Toluene	<0.00200	U	0.100	0.09917		mg/Kg		99	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09339		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1970		mg/Kg		99	70 - 130
o-Xylene	<0.00200	U	0.100	0.09720		mg/Kg		97	70 - 130

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

Lab Sample ID: 890-10074-A-1-J MSD

Matrix: Solid

Analysis Batch: 143349

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 143387

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.07858		mg/Kg		79	70 - 130	13	35
Toluene	<0.00200	U	0.100	0.09520		mg/Kg		95	70 - 130	4	35
Ethylbenzene	<0.00200	U	0.100	0.09626		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2045		mg/Kg		102	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.1028		mg/Kg		103	70 - 130	6	35

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: 890-10074-A-1-J MSD**  
**Matrix: Solid**  
**Analysis Batch: 143349**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143387**

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

**Lab Sample ID: MB 880-143410/5-A**  
**Matrix: Solid**  
**Analysis Batch: 143348**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143410**

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:41	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	305	S1+	70 - 130	06/12/26 08:00	06/12/26 12:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130	06/12/26 08:00	06/12/26 12:41	1

**Lab Sample ID: LCS 880-143410/1-A**  
**Matrix: Solid**  
**Analysis Batch: 143348**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143410**

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.09422		mg/Kg		94	70 - 130
Toluene	0.100	0.1027		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2571		mg/Kg		129	70 - 130
o-Xylene	0.100	0.1287		mg/Kg		129	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

**Lab Sample ID: LCSD 880-143410/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143348**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143410**

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.1082		mg/Kg		108	70 - 130	14	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	7	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2933	*+	mg/Kg		147	70 - 130	13	35
o-Xylene	0.100	0.1500	*+	mg/Kg		150	70 - 130	15	35

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

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

**Lab Sample ID: LCSD 880-143410/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143348**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143410**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	115		70 - 130

**Lab Sample ID: 880-73388-A-1-C MS**  
**Matrix: Solid**  
**Analysis Batch: 143348**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143410**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07473		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.100	0.09242		mg/Kg		92	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08760		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U **	0.200	0.2252		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U **	0.100	0.1147		mg/Kg		115	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

**Lab Sample ID: 880-73388-A-1-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 143348**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143410**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08302		mg/Kg		83	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.08173		mg/Kg		82	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.08240		mg/Kg		82	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U **	0.200	0.2147		mg/Kg		107	70 - 130	5	35
o-Xylene	<0.00200	U **	0.100	0.1093		mg/Kg		109	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

**Lab Sample ID: MB 880-143527/5-A**  
**Matrix: Solid**  
**Analysis Batch: 143511**

**Client Sample ID: Method Blank**  
**Prep Type: Total/NA**  
**Prep Batch: 143527**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:39	06/15/26 11:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:39	06/15/26 11:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:39	06/15/26 11:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/15/26 09:39	06/15/26 11:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/15/26 09:39	06/15/26 11:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/15/26 09:39	06/15/26 11:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	06/15/26 09:39	06/15/26 11:54	1
1,4-Difluorobenzene (Surr)	87		70 - 130	06/15/26 09:39	06/15/26 11:54	1

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-143527/1-A  
 Matrix: Solid  
 Analysis Batch: 143511

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.08956		mg/Kg		90	70 - 130	
Toluene	0.100	0.09958		mg/Kg		100	70 - 130	
Ethylbenzene	0.100	0.1081		mg/Kg		108	70 - 130	
m-Xylene & p-Xylene	0.200	0.2375		mg/Kg		119	70 - 130	
o-Xylene	0.100	0.1200		mg/Kg		120	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-143527/2-A  
 Matrix: Solid  
 Analysis Batch: 143511

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143527

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
									RPD	Limit
Benzene	0.100	0.08953		mg/Kg		90	70 - 130	0	35	
Toluene	0.100	0.09766		mg/Kg		98	70 - 130	2	35	
Ethylbenzene	0.100	0.09830		mg/Kg		98	70 - 130	9	35	
m-Xylene & p-Xylene	0.200	0.2114		mg/Kg		106	70 - 130	12	35	
o-Xylene	0.100	0.1093		mg/Kg		109	70 - 130	9	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-73608-A-10-C MS  
 Matrix: Solid  
 Analysis Batch: 143511

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 143527

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	<0.00200	U	0.100	0.08477		mg/Kg		85	70 - 130	
Toluene	<0.00200	U F1 F2	0.100	0.09684		mg/Kg		97	70 - 130	
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1014		mg/Kg		101	70 - 130	
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.2232		mg/Kg		112	70 - 130	
o-Xylene	<0.00200	U F1	0.100	0.1140		mg/Kg		114	70 - 130	

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-73608-A-10-D MSD  
 Matrix: Solid  
 Analysis Batch: 143511

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 143527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD	
											RPD	Limit
Benzene	<0.00200	U	0.100	0.1097		mg/Kg		110	70 - 130	26	35	
Toluene	<0.00200	U F1 F2	0.100	0.1536	F1 F2	mg/Kg		154	70 - 130	45	35	
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1641	F1 F2	mg/Kg		164	70 - 130	47	35	

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: 880-73608-A-10-D MSD  
 Matrix: Solid  
 Analysis Batch: 143511

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 143527

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.200	0.3339	F1 F2	mg/Kg		167	70 - 130	40	35
o-Xylene	<0.00200	U F1	0.100	0.1559	F1	mg/Kg		156	70 - 130	31	35
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>								
4-Bromofluorobenzene (Surr)	99		70 - 130								
1,4-Difluorobenzene (Surr)	89		70 - 130								

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

Lab Sample ID: MB 880-143179/1-A  
 Matrix: Solid  
 Analysis Batch: 143212

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143179

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		06/11/26 06:42	06/11/26 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	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)	94		70 - 130				06/11/26 06:42	06/11/26 23:12	1
o-Terphenyl (Surr)	98		70 - 130				06/11/26 06:42	06/11/26 23:12	1

Lab Sample ID: LCS 880-143179/2-A  
 Matrix: Solid  
 Analysis Batch: 143212

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	878.1		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				
1-Chlorooctane (Surr)	98		70 - 130				
o-Terphenyl (Surr)	94		70 - 130				

Lab Sample ID: LCSD 880-143179/3-A  
 Matrix: Solid  
 Analysis Batch: 143212

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143179

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	880.0		mg/Kg		88	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130	2	20

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-143179/3-A  
 Matrix: Solid  
 Analysis Batch: 143212

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143179

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-10068-A-14-C MS  
 Matrix: Solid  
 Analysis Batch: 143212

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 143179

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier					
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	844.2		mg/Kg		85		70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1010		mg/Kg		101		70 - 130

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	85		70 - 130

Lab Sample ID: 890-10068-A-14-D MSD  
 Matrix: Solid  
 Analysis Batch: 143212

Client Sample ID: Matrix Spike Duplicate  
 Prep Type: Total/NA  
 Prep Batch: 143179

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier								
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	834.3		mg/Kg		84		70 - 130	1		20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	987.5		mg/Kg		99		70 - 130	2		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	85		70 - 130

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

Lab Sample ID: MB 880-143201/1-A  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: Method Blank  
 Prep Type: Soluble

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
	Result	Qualifier								
Chloride	<10.0	U	10.0		mg/Kg			06/11/26 13:59		1

Lab Sample ID: LCS 880-143201/2-A  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec	Limits
		Result	Qualifier					
Chloride	250	253.0		mg/Kg		101		90 - 110

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-143201/3-A  
 Matrix: Solid  
 Analysis Batch: 143213

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	251.3		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-10070-1 MS  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: S - 1 (SURFACE)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6230	F1	5010	12480	F1	mg/Kg		125	90 - 110

Lab Sample ID: 890-10070-1 MSD  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: S - 1 (SURFACE)  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6230	F1	5010	12530	F1	mg/Kg		126	90 - 110	0	20

Lab Sample ID: 890-10070-11 MS  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: S - 4 (1.0')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4340	F1	2500	7224	F1	mg/Kg		116	90 - 110

Lab Sample ID: 890-10070-11 MSD  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: S - 4 (1.0')  
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4340	F1	2500	7244	F1	mg/Kg		116	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
SDG: Lea County New Mexico

## GC VOA

## Analysis Batch: 143344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-143386/5-A	Method Blank	Total/NA	Solid	8021B	143386
LCS 880-143386/1-A	Lab Control Sample	Total/NA	Solid	8021B	143386
LCSD 880-143386/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143386
880-73427-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	143386
880-73427-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143386

## Analysis Batch: 143348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-12	S - 4 (1.5')	Total/NA	Solid	8021B	143410
MB 880-143410/5-A	Method Blank	Total/NA	Solid	8021B	143410
LCS 880-143410/1-A	Lab Control Sample	Total/NA	Solid	8021B	143410
LCSD 880-143410/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143410
880-73388-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	143410
880-73388-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143410

## Analysis Batch: 143349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	8021B	143387
890-10070-2	S - 1 (1.0')	Total/NA	Solid	8021B	143387
890-10070-3	S - 1 (1.5')	Total/NA	Solid	8021B	143387
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	8021B	143387
890-10070-5	S - 2 (1.0')	Total/NA	Solid	8021B	143387
890-10070-6	S - 2 (1.5')	Total/NA	Solid	8021B	143387
890-10070-7	S - 3 (SURFACE)	Total/NA	Solid	8021B	143387
890-10070-8	S - 3 (1.0')	Total/NA	Solid	8021B	143387
890-10070-9	S - 3 (1.5')	Total/NA	Solid	8021B	143387
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	8021B	143387
890-10070-11	S - 4 (1.0')	Total/NA	Solid	8021B	143387
MB 880-143387/5-A	Method Blank	Total/NA	Solid	8021B	143387
LCS 880-143387/1-A	Lab Control Sample	Total/NA	Solid	8021B	143387
LCSD 880-143387/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143387
890-10074-A-1-I MS	Matrix Spike	Total/NA	Solid	8021B	143387
890-10074-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143387

## Prep Batch: 143386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-143386/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143386/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143386/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73427-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-73427-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Prep Batch: 143387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	5035	
890-10070-2	S - 1 (1.0')	Total/NA	Solid	5035	
890-10070-3	S - 1 (1.5')	Total/NA	Solid	5035	
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	5035	
890-10070-5	S - 2 (1.0')	Total/NA	Solid	5035	
890-10070-6	S - 2 (1.5')	Total/NA	Solid	5035	
890-10070-7	S - 3 (SURFACE)	Total/NA	Solid	5035	

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

## GC VOA (Continued)

## Prep Batch: 143387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-8	S - 3 (1.0')	Total/NA	Solid	5035	
890-10070-9	S - 3 (1.5')	Total/NA	Solid	5035	
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	5035	
890-10070-11	S - 4 (1.0')	Total/NA	Solid	5035	
MB 880-143387/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143387/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143387/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-10074-A-1-I MS	Matrix Spike	Total/NA	Solid	5035	
890-10074-A-1-J MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Prep Batch: 143410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-12	S - 4 (1.5')	Total/NA	Solid	5035	
MB 880-143410/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143410/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143410/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73388-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-73388-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 143460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10070-2	S - 1 (1.0')	Total/NA	Solid	Total BTEX	
890-10070-3	S - 1 (1.5')	Total/NA	Solid	Total BTEX	
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10070-5	S - 2 (1.0')	Total/NA	Solid	Total BTEX	
890-10070-6	S - 2 (1.5')	Total/NA	Solid	Total BTEX	
890-10070-7	S - 3 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10070-8	S - 3 (1.0')	Total/NA	Solid	Total BTEX	
890-10070-9	S - 3 (1.5')	Total/NA	Solid	Total BTEX	
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	Total BTEX	
890-10070-11	S - 4 (1.0')	Total/NA	Solid	Total BTEX	
890-10070-12	S - 4 (1.5')	Total/NA	Solid	Total BTEX	

## Analysis Batch: 143511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	8021B	143527
890-10070-2	S - 1 (1.0')	Total/NA	Solid	8021B	143527
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	8021B	143527
890-10070-5	S - 2 (1.0')	Total/NA	Solid	8021B	143527
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	8021B	143527
890-10070-11	S - 4 (1.0')	Total/NA	Solid	8021B	143527
MB 880-143527/5-A	Method Blank	Total/NA	Solid	8021B	143527
LCS 880-143527/1-A	Lab Control Sample	Total/NA	Solid	8021B	143527
LCSD 880-143527/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143527
880-73608-A-10-C MS	Matrix Spike	Total/NA	Solid	8021B	143527
880-73608-A-10-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143527

## Prep Batch: 143527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	5035	

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

#### GC VOA (Continued)

##### Prep Batch: 143527 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-2	S - 1 (1.0')	Total/NA	Solid	5035	
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	5035	
890-10070-5	S - 2 (1.0')	Total/NA	Solid	5035	
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	5035	
890-10070-11	S - 4 (1.0')	Total/NA	Solid	5035	
MB 880-143527/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143527/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143527/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73608-A-10-C MS	Matrix Spike	Total/NA	Solid	5035	
880-73608-A-10-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

#### GC Semi VOA

##### Prep Batch: 143179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10070-2	S - 1 (1.0')	Total/NA	Solid	8015NM Prep	
890-10070-3	S - 1 (1.5')	Total/NA	Solid	8015NM Prep	
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10070-5	S - 2 (1.0')	Total/NA	Solid	8015NM Prep	
890-10070-6	S - 2 (1.5')	Total/NA	Solid	8015NM Prep	
890-10070-7	S - 3 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10070-8	S - 3 (1.0')	Total/NA	Solid	8015NM Prep	
890-10070-9	S - 3 (1.5')	Total/NA	Solid	8015NM Prep	
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	8015NM Prep	
890-10070-11	S - 4 (1.0')	Total/NA	Solid	8015NM Prep	
890-10070-12	S - 4 (1.5')	Total/NA	Solid	8015NM Prep	
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10068-A-14-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-10068-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

##### Analysis Batch: 143212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	8015B NM	143179
890-10070-2	S - 1 (1.0')	Total/NA	Solid	8015B NM	143179
890-10070-3	S - 1 (1.5')	Total/NA	Solid	8015B NM	143179
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	8015B NM	143179
890-10070-5	S - 2 (1.0')	Total/NA	Solid	8015B NM	143179
890-10070-6	S - 2 (1.5')	Total/NA	Solid	8015B NM	143179
890-10070-7	S - 3 (SURFACE)	Total/NA	Solid	8015B NM	143179
890-10070-8	S - 3 (1.0')	Total/NA	Solid	8015B NM	143179
890-10070-9	S - 3 (1.5')	Total/NA	Solid	8015B NM	143179
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	8015B NM	143179
890-10070-11	S - 4 (1.0')	Total/NA	Solid	8015B NM	143179
890-10070-12	S - 4 (1.5')	Total/NA	Solid	8015B NM	143179
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015B NM	143179
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143179
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143179
890-10068-A-14-C MS	Matrix Spike	Total/NA	Solid	8015B NM	143179

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## QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

## GC Semi VOA (Continued)

## Analysis Batch: 143212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10068-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143179

## Analysis Batch: 143403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Total/NA	Solid	8015 NM	
890-10070-2	S - 1 (1.0')	Total/NA	Solid	8015 NM	
890-10070-3	S - 1 (1.5')	Total/NA	Solid	8015 NM	
890-10070-4	S - 2 (SURFACE)	Total/NA	Solid	8015 NM	
890-10070-5	S - 2 (1.0')	Total/NA	Solid	8015 NM	
890-10070-6	S - 2 (1.5')	Total/NA	Solid	8015 NM	
890-10070-7	S - 3 (SURFACE)	Total/NA	Solid	8015 NM	
890-10070-8	S - 3 (1.0')	Total/NA	Solid	8015 NM	
890-10070-9	S - 3 (1.5')	Total/NA	Solid	8015 NM	
890-10070-10	S - 4 (SURFACE)	Total/NA	Solid	8015 NM	
890-10070-11	S - 4 (1.0')	Total/NA	Solid	8015 NM	
890-10070-12	S - 4 (1.5')	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 143201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Soluble	Solid	DI Leach	
890-10070-2	S - 1 (1.0')	Soluble	Solid	DI Leach	
890-10070-3	S - 1 (1.5')	Soluble	Solid	DI Leach	
890-10070-4	S - 2 (SURFACE)	Soluble	Solid	DI Leach	
890-10070-5	S - 2 (1.0')	Soluble	Solid	DI Leach	
890-10070-6	S - 2 (1.5')	Soluble	Solid	DI Leach	
890-10070-7	S - 3 (SURFACE)	Soluble	Solid	DI Leach	
890-10070-8	S - 3 (1.0')	Soluble	Solid	DI Leach	
890-10070-9	S - 3 (1.5')	Soluble	Solid	DI Leach	
890-10070-10	S - 4 (SURFACE)	Soluble	Solid	DI Leach	
890-10070-11	S - 4 (1.0')	Soluble	Solid	DI Leach	
890-10070-12	S - 4 (1.5')	Soluble	Solid	DI Leach	
MB 880-143201/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143201/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143201/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-10070-1 MS	S - 1 (SURFACE)	Soluble	Solid	DI Leach	
890-10070-1 MSD	S - 1 (SURFACE)	Soluble	Solid	DI Leach	
890-10070-11 MS	S - 4 (1.0')	Soluble	Solid	DI Leach	
890-10070-11 MSD	S - 4 (1.0')	Soluble	Solid	DI Leach	

## Analysis Batch: 143213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-1	S - 1 (SURFACE)	Soluble	Solid	300.0	143201
890-10070-2	S - 1 (1.0')	Soluble	Solid	300.0	143201
890-10070-3	S - 1 (1.5')	Soluble	Solid	300.0	143201
890-10070-4	S - 2 (SURFACE)	Soluble	Solid	300.0	143201
890-10070-5	S - 2 (1.0')	Soluble	Solid	300.0	143201
890-10070-6	S - 2 (1.5')	Soluble	Solid	300.0	143201
890-10070-7	S - 3 (SURFACE)	Soluble	Solid	300.0	143201
890-10070-8	S - 3 (1.0')	Soluble	Solid	300.0	143201

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### QC Association Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

#### HPLC/IC (Continued)

#### Analysis Batch: 143213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-9	S - 3 (1.5')	Soluble	Solid	300.0	143201
890-10070-10	S - 4 (SURFACE)	Soluble	Solid	300.0	143201
890-10070-11	S - 4 (1.0')	Soluble	Solid	300.0	143201
890-10070-12	S - 4 (1.5')	Soluble	Solid	300.0	143201
MB 880-143201/1-A	Method Blank	Soluble	Solid	300.0	143201
LCS 880-143201/2-A	Lab Control Sample	Soluble	Solid	300.0	143201
LCSD 880-143201/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143201
890-10070-1 MS	S - 1 (SURFACE)	Soluble	Solid	300.0	143201
890-10070-1 MSD	S - 1 (SURFACE)	Soluble	Solid	300.0	143201
890-10070-11 MS	S - 4 (1.0')	Soluble	Solid	300.0	143201
890-10070-11 MSD	S - 4 (1.0')	Soluble	Solid	300.0	143201

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 1 (SURFACE)**

**Lab Sample ID: 890-10070-1**

Date Collected: 06/10/26 11:00

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	143349	06/12/26 18:07	MNR	EET MID
Total/NA	Prep	5035			4.99 g	5 mL	143527	06/15/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	143511	06/15/26 17:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/15/26 17:04	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 01:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 01:06	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	143213	06/11/26 14:14	SMC	EET MID

**Client Sample ID: S - 1 (1.0')**

**Lab Sample ID: 890-10070-2**

Date Collected: 06/10/26 11:01

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	143349	06/12/26 18:28	MNR	EET MID
Total/NA	Prep	5035			5.01 g	5 mL	143527	06/15/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	143511	06/15/26 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/15/26 17:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 01:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	143212	06/12/26 01:20	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	143213	06/11/26 14:29	SMC	EET MID

**Client Sample ID: S - 1 (1.5')**

**Lab Sample ID: 890-10070-3**

Date Collected: 06/10/26 11:02

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	143349	06/12/26 13:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/12/26 13:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 01:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 01:34	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	143213	06/11/26 14:33	SMC	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 2 (SURFACE)**

**Lab Sample ID: 890-10070-4**

Date Collected: 06/10/26 11:06

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	143349	06/12/26 18:49	MNR	EET MID
Total/NA	Prep	5035			5.02 g	5 mL	143527	06/15/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	143511	06/15/26 17:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/15/26 17:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 01:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	143212	06/12/26 01:49	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	143213	06/11/26 14:38	SMC	EET MID

**Client Sample ID: S - 2 (1.0')**

**Lab Sample ID: 890-10070-5**

Date Collected: 06/10/26 11:07

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	143349	06/12/26 17:05	MNR	EET MID
Total/NA	Prep	5035			5.03 g	5 mL	143527	06/15/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	143511	06/15/26 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/15/26 18:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 02:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	143212	06/12/26 02:03	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	143213	06/11/26 14:43	SMC	EET MID

**Client Sample ID: S - 2 (1.5')**

**Lab Sample ID: 890-10070-6**

Date Collected: 06/10/26 11:08

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143349	06/12/26 15:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/12/26 15:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 02:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 02:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	143213	06/11/26 14:58	SMC	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 3 (SURFACE)**

**Lab Sample ID: 890-10070-7**

Date Collected: 06/10/26 11:12

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143349	06/12/26 16:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/12/26 16:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 02:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 02:32	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	143213	06/11/26 15:03	SMC	EET MID

**Client Sample ID: S - 3 (1.0')**

**Lab Sample ID: 890-10070-8**

Date Collected: 06/10/26 11:13

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143349	06/12/26 16:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/12/26 16:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 03:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 03:00	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	143213	06/11/26 15:08	SMC	EET MID

**Client Sample ID: S - 3 (1.5')**

**Lab Sample ID: 890-10070-9**

Date Collected: 06/10/26 11:14

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143349	06/12/26 16:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/12/26 16:44	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 03:14	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 03:14	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	143213	06/11/26 15:13	SMC	EET MID

**Client Sample ID: S - 4 (SURFACE)**

**Lab Sample ID: 890-10070-10**

Date Collected: 06/10/26 11:18

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	143349	06/12/26 17:26	MNR	EET MID

Eurofins Carlsbad

### Lab Chronicle

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 SDG: Lea County New Mexico

**Client Sample ID: S - 4 (SURFACE)**

**Lab Sample ID: 890-10070-10**

Date Collected: 06/10/26 11:18

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	143527	06/15/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	143511	06/15/26 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/15/26 18:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 03:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 03:29	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	143213	06/11/26 15:18	SMC	EET MID

**Client Sample ID: S - 4 (1.0')**

**Lab Sample ID: 890-10070-11**

Date Collected: 06/10/26 11:19

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	143387	06/12/26 11:52	MNR	EET MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	143349	06/12/26 17:46	MNR	EET MID
Total/NA	Prep	5035			4.97 g	5 mL	143527	06/15/26 09:39	AA	EET MID
Total/NA	Analysis	8021B		500	5 mL	5 mL	143511	06/15/26 18:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/15/26 18:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 03:43	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 03:43	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	143213	06/11/26 15:23	SMC	EET MID

**Client Sample ID: S - 4 (1.5')**

**Lab Sample ID: 890-10070-12**

Date Collected: 06/10/26 11:20

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143410	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	143348	06/12/26 16:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143460	06/12/26 16:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			143403	06/12/26 03:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 03:57	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	143213	06/11/26 15:38	SMC	EET MID

**Laboratory References:**

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

Eurofins Carlsbad

### Accreditation/Certification Summary

Client: Carmona Resources  
Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
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 Texas NELAP T 104704400. This list may include analytes for which the agency does not offer certification :			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
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### Method Summary

Client: Carmona Resources  
 Project/Site: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
 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: DOS EQUIS 12 -13 Fed Com 89H

Job ID: 890-10070-1  
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10070-1	S - 1 (SURFACE)	Solid	06/10/26 11:00	06/10/26 14:34	Texas
890-10070-2	S - 1 (1.0')	Solid	06/10/26 11:01	06/10/26 14:34	Texas
890-10070-3	S - 1 (1.5')	Solid	06/10/26 11:02	06/10/26 14:34	Texas
890-10070-4	S - 2 (SURFACE)	Solid	06/10/26 11:06	06/10/26 14:34	Texas
890-10070-5	S - 2 (1.0')	Solid	06/10/26 11:07	06/10/26 14:34	Texas
890-10070-6	S - 2 (1.5')	Solid	06/10/26 11:08	06/10/26 14:34	Texas
890-10070-7	S - 3 (SURFACE)	Solid	06/10/26 11:12	06/10/26 14:34	Texas
890-10070-8	S - 3 (1.0')	Solid	06/10/26 11:13	06/10/26 14:34	Texas
890-10070-9	S - 3 (1.5')	Solid	06/10/26 11:14	06/10/26 14:34	Texas
890-10070-10	S - 4 (SURFACE)	Solid	06/10/26 11:18	06/10/26 14:34	Texas
890-10070-11	S - 4 (1.0')	Solid	06/10/26 11:19	06/10/26 14:34	Texas
890-10070-12	S - 4 (1.5')	Solid	06/10/26 11:20	06/10/26 14:34	Texas

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Chain of Custody

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

Page 1 of 2

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


Work Order Comments

Program: UST/PST PRP Brownfields RC perfund

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


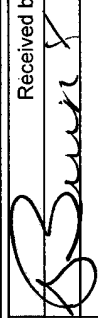
Reporting: Level II Level III ST/UST RRP Level IV

Deliverables: EDD ADaPT Other:

Project Name:	Dos Equis 12-13 Fed Com 89H	Turn Around	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	3315	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		 <p>890-10070 Chain of Custody</p>	NO DI Water: H <sub>2</sub> O pool MeOH: Me IC HNO <sub>3</sub> : HN H <sub>2</sub> NaOH: Na : HP O <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location:	Lea County, New Mexico	Due Date:	48 Hour		
Sampler's Name:	KR				
PO #:					

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		Sample Comments
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	
S-1 (Surface)	6/10/2026	11:00	X		G	1	X	X	
S-1 (1.0')	6/10/2026	11:01	X		G	1	X	X	
S-1 (1.5')	6/10/2026	11:02	X		G	1	X	X	
S-2 (Surface)	6/10/2026	11:06	X		G	1	X	X	
S-2 (1.0')	6/10/2026	11:07	X		G	1	X	X	
S-2 (1.5')	6/10/2026	11:08	X		G	1	X	X	
S-3 (Surface)	6/10/2026	11:12	X		G	1	X	X	
S-3 (1.0')	6/10/2026	11:13	X		G	1	X	X	
S-3 (1.5')	6/10/2026	11:14	X		G	1	X	X	
S-4 (Surface)	6/10/2026	11:18	X		G	1	X	X	

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			6/16/2026



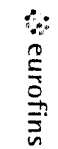


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**Eurofins Carlsbad**

**Chain of Custody Record**

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



Environment Testing

**Client Information (Sub Contract Lab)**

Client Contact: N/A  
 Shipping/Receiving: N/A

Lab Pmt: Kramer, Jessica  
 E-Mail: Jessica.Kramer@et.eurofins.com

Carrier Tracking No(s): N/A  
 State of Origin: Texas

COC No: 890-7021.1  
 Page: Page 1 of 2

Job #: 890-10070-1  
 Preservation Codes:

Company: Eurofins Environment Testing South Cent

Address: 1211 W. Florida Ave.  
 Due Date Requested: 6/12/2026

City: Midland  
 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: DOS EQUIS 12 -13 89H  
 Project #: 88001161

Site: N/A  
 SSON#: N/A

**Sample Identification - Client ID (Lab ID)**

Sample ID	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=Water, S=solid, O=Oversat, BT=Trace, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Analysis Requested	Total Number of containers	Special Instructions/Note:
S - 1 (SURFACE) (890-10070-1)	6/10/26	11:00 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	
S - 1 (1.0') (890-10070-2)	6/10/26	11:01 Central	G	Solid	X	X		1	
S - 1 (1.5') (890-10070-3)	6/10/26	11:02 Central	G	Solid	X	X		1	
S - 2 (SURFACE) (890-10070-4)	6/10/26	11:06 Central	G	Solid	X	X		1	
S - 2 (1.0') (890-10070-5)	6/10/26	11:07 Central	G	Solid	X	X		1	
S - 2 (1.5') (890-10070-6)	6/10/26	11:08 Central	G	Solid	X	X		1	
S - 3 (SURFACE) (890-10070-7)	6/10/26	11:12 Central	G	Solid	X	X		1	
S - 3 (1.0') (890-10070-8)	6/10/26	11:13 Central	G	Solid	X	X		1	
S - 3 (1.5') (890-10070-9)	6/10/26	11:14 Central	G	Solid	X	X		1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyze & 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/assessments/being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

**Possible Hazard Identification**

Deliverable Requested: I, II, III, IV, Other (specify) \_\_\_\_\_  
 Primary Deliverable Rank: 2

Empty Kit Returned by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Method of Shipment: \_\_\_\_\_

Relinquished by: *[Signature]* Date/Time: 6/10 16:30 Company: \_\_\_\_\_  
 Received by: *[Signature]* Date/Time: 6.11.26 800 Company: \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_  
 Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Company: \_\_\_\_\_

Custody Seals Intact:  Yes  No  
 Custody Seal No.: \_\_\_\_\_  
 Cooler Temperature(s) °C and Other Remarks: \_\_\_\_\_



### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10070-1  
SDG Number: Lea County New Mexico

**Login Number: 10070**

**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: 890-10070-1  
SDG Number: Lea County New Mexico

**Login Number: 10070**

**List Number: 2**

**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**

**List Creation: 06/11/26 06:19 AM**

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

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Environment Testing

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# ANALYTICAL REPORT

## PREPARED FOR

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

Generated 6/12/2026 4:32:57 PM

## JOB DESCRIPTION

Dos Equis 12-13 Fed Com 89H  
 3315

## JOB NUMBER

890-10072-1

Eurofins Carlsbad  
 1089 N Canal St.  
 Carlsbad NM 88220



# Eurofins Carlsbad

## Job Notes

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

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

## Authorization



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

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Laboratory Job ID: 890-10072-1  
SDG: 3315

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- 2
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- 8
- 9
- 10
- 11
- 12
- 13
- 14

# Table of Contents

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

## Definitions/Glossary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
SDG: 3315

## Qualifiers

## GC VOA

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

## GC Semi VOA

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

## HPLC/IC

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

## Glossary

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

## Case Narrative

Client: Carmona Resources  
Project: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1

**Job ID: 890-10072-1**

**Eurofins Carlsbad**

### Job Narrative 890-10072-1

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

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

#### Receipt

The sample was received on 6/10/2026 2:34 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.6°C.

#### Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: Backfill Sample (890-10072-1).

#### GC VOA

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-143410 and analytical batch 880-143348 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 8021B: Surrogate recovery for the following sample was outside control limits: Backfill Sample (890-10072-1). 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

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

#### HPLC/IC

Method 300.0 - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-143201 and analytical batch 880-143213 were outside control limits for Chloride. 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.

The associated samples are: Backfill Sample (890-10072-1), (890-10070-A-11-B), (890-10070-A-11-C MS) and (890-10070-A-11-D MSD).

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: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

**Client Sample ID: Backfill Sample**

**Lab Sample ID: 890-10072-1**

Date Collected: 06/10/26 12:15

Matrix: Solid

Date Received: 06/10/26 14:34

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:54	1
<b>Toluene</b>	<b>0.00471</b>		0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:54	1
m-Xylene & p-Xylene	<0.00398	U**	0.00398		mg/Kg		06/12/26 08:00	06/12/26 15:54	1
o-Xylene	<0.00199	U**	0.00199		mg/Kg		06/12/26 08:00	06/12/26 15:54	1
Xylenes, Total	<0.00398	U**	0.00398		mg/Kg		06/12/26 08:00	06/12/26 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	346	S1+	70 - 130	06/12/26 08:00	06/12/26 15:54	1
1,4-Difluorobenzene (Surr)	84		70 - 130	06/12/26 08:00	06/12/26 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Total BTEX</b>	<b>0.00471</b>		0.00398		mg/Kg			06/12/26 15:54	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			06/12/26 04:12	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		06/11/26 06:43	06/12/26 04:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 04:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:43	06/12/26 04:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130	06/11/26 06:43	06/12/26 04:12	1
o-Terphenyl (Surr)	84		70 - 130	06/11/26 06:43	06/12/26 04:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Chloride</b>	<b>10.8</b>		9.94		mg/Kg			06/11/26 15:43	1

## Surrogate Summary

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

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

Matrix: Solid

Prep Type: Total/NA

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-73388-A-1-C MS	Matrix Spike	129	93
880-73388-A-1-D MSD	Matrix Spike Duplicate	120	106
890-10072-1	Backfill Sample	346 S1+	84
LCS 880-143410/1-A	Lab Control Sample	121	104
LCSD 880-143410/2-A	Lab Control Sample Dup	130	115
MB 880-143410/5-A	Method Blank	305 S1+	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

## Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
890-10068-A-14-C MS	Matrix Spike	92	85
890-10068-A-14-D MSD	Matrix Spike Duplicate	93	85
890-10072-1	Backfill Sample	76	84
LCS 880-143179/2-A	Lab Control Sample	98	94
LCSD 880-143179/3-A	Lab Control Sample Dup	98	93
MB 880-143179/1-A	Method Blank	94	98

## Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

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

Lab Sample ID: MB 880-143410/5-A  
 Matrix: Solid  
 Analysis Batch: 143348

Client Sample ID: Method Blank  
 Prep Type: Total/NA  
 Prep Batch: 143410

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/12/26 08:00	06/12/26 12:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/12/26 08:00	06/12/26 12:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	305	S1+	70 - 130	06/12/26 08:00	06/12/26 12:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130	06/12/26 08:00	06/12/26 12:41	1

Lab Sample ID: LCS 880-143410/1-A  
 Matrix: Solid  
 Analysis Batch: 143348

Client Sample ID: Lab Control Sample  
 Prep Type: Total/NA  
 Prep Batch: 143410

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09422		mg/Kg		94	70 - 130
Toluene	0.100	0.1027		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2571		mg/Kg		129	70 - 130
o-Xylene	0.100	0.1287		mg/Kg		129	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-143410/2-A  
 Matrix: Solid  
 Analysis Batch: 143348

Client Sample ID: Lab Control Sample Dup  
 Prep Type: Total/NA  
 Prep Batch: 143410

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1082		mg/Kg		108	70 - 130	14	35
Toluene	0.100	0.1103		mg/Kg		110	70 - 130	7	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2933	*+	mg/Kg		147	70 - 130	13	35
o-Xylene	0.100	0.1500	*+	mg/Kg		150	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	130		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-73388-A-1-C MS  
 Matrix: Solid  
 Analysis Batch: 143348

Client Sample ID: Matrix Spike  
 Prep Type: Total/NA  
 Prep Batch: 143410

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07473		mg/Kg		75	70 - 130
Toluene	<0.00200	U	0.100	0.09242		mg/Kg		92	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

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

Lab Sample ID: 880-73388-A-1-C MS

Client Sample ID: Matrix Spike

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143348

Prep Batch: 143410

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U	0.100	0.08760		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U *	0.200	0.2252		mg/Kg		113	70 - 130
o-Xylene	<0.00200	U *	0.100	0.1147		mg/Kg		115	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-73388-A-1-D MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143348

Prep Batch: 143410

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.08302		mg/Kg		83	70 - 130	11	35
Toluene	<0.00200	U	0.100	0.08173		mg/Kg		82	70 - 130	12	35
Ethylbenzene	<0.00200	U	0.100	0.08240		mg/Kg		82	70 - 130	6	35
m-Xylene & p-Xylene	<0.00399	U *	0.200	0.2147		mg/Kg		107	70 - 130	5	35
o-Xylene	<0.00200	U *	0.100	0.1093		mg/Kg		109	70 - 130	5	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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

Lab Sample ID: MB 880-143179/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143212

Prep Batch: 143179

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		06/11/26 06:42	06/11/26 23:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		06/11/26 06:42	06/11/26 23:12	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	94		70 - 130	06/11/26 06:42	06/11/26 23:12	1
o-Terphenyl (Surr)	98		70 - 130	06/11/26 06:42	06/11/26 23:12	1

Lab Sample ID: LCS 880-143179/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 143212

Prep Batch: 143179

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	878.1		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130

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### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

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

**Lab Sample ID: LCS 880-143179/2-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Lab Control Sample**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	94		70 - 130

**Lab Sample ID: LCSD 880-143179/3-A**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Lab Control Sample Dup**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	880.0		mg/Kg		88	70 - 130	0		20
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130	2		20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	93		70 - 130

**Lab Sample ID: 890-10068-A-14-C MS**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Matrix Spike**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	844.2		mg/Kg		85	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	996	1010		mg/Kg		101	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	85		70 - 130

**Lab Sample ID: 890-10068-A-14-D MSD**  
**Matrix: Solid**  
**Analysis Batch: 143212**

**Client Sample ID: Matrix Spike Duplicate**  
**Prep Type: Total/NA**  
**Prep Batch: 143179**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec		RPD	Limit
				Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	996	834.3		mg/Kg		84	70 - 130	1		20
Diesel Range Organics (Over C10-C28)	<50.0	U	996	987.5		mg/Kg		99	70 - 130	2		20

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	85		70 - 130

### QC Sample Results

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

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

Lab Sample ID: MB 880-143201/1-A  
 Matrix: Solid  
 Analysis Batch: 143213

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			06/11/26 13:59	1

Lab Sample ID: LCS 880-143201/2-A  
 Matrix: Solid  
 Analysis Batch: 143213

Client Sample ID: Lab Control Sample  
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	253.0		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-143201/3-A  
 Matrix: Solid  
 Analysis Batch: 143213

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	251.3		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 890-10070-A-11-C MS  
 Matrix: Solid  
 Analysis Batch: 143213

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	4340	F1	2500	7224	F1	mg/Kg		116	90 - 110

Lab Sample ID: 890-10070-A-11-D MSD  
 Matrix: Solid  
 Analysis Batch: 143213

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	4340	F1	2500	7244	F1	mg/Kg		116	90 - 110	0	20

## QC Association Summary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
SDG: 3315

## GC VOA

## Analysis Batch: 143348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Total/NA	Solid	8021B	143410
MB 880-143410/5-A	Method Blank	Total/NA	Solid	8021B	143410
LCS 880-143410/1-A	Lab Control Sample	Total/NA	Solid	8021B	143410
LCSD 880-143410/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	143410
880-73388-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	143410
880-73388-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	143410

## Prep Batch: 143410

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Total/NA	Solid	5035	
MB 880-143410/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-143410/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-143410/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-73388-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-73388-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 143459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Prep Batch: 143179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Total/NA	Solid	8015NM Prep	
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-10068-A-14-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-10068-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 143212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Total/NA	Solid	8015B NM	143179
MB 880-143179/1-A	Method Blank	Total/NA	Solid	8015B NM	143179
LCS 880-143179/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	143179
LCSD 880-143179/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	143179
890-10068-A-14-C MS	Matrix Spike	Total/NA	Solid	8015B NM	143179
890-10068-A-14-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	143179

## Analysis Batch: 143404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 143201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Soluble	Solid	DI Leach	
MB 880-143201/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-143201/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-143201/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Eurofins Carlsbad

### QC Association Summary

Client: Carmona Resources  
Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
SDG: 3315

#### HPLC/IC (Continued)

##### Leach Batch: 143201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10070-A-11-C MS	Matrix Spike	Soluble	Solid	DI Leach	
890-10070-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

##### Analysis Batch: 143213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-10072-1	Backfill Sample	Soluble	Solid	300.0	143201
MB 880-143201/1-A	Method Blank	Soluble	Solid	300.0	143201
LCS 880-143201/2-A	Lab Control Sample	Soluble	Solid	300.0	143201
LCSD 880-143201/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	143201
890-10070-A-11-C MS	Matrix Spike	Soluble	Solid	300.0	143201
890-10070-A-11-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	143201

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### Lab Chronicle

Client: Carmona Resources  
 Project/Site: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

**Client Sample ID: Backfill Sample**

**Lab Sample ID: 890-10072-1**

Date Collected: 06/10/26 12:15

Matrix: Solid

Date Received: 06/10/26 14:34

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	143410	06/12/26 08:00	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	143348	06/12/26 15:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			143459	06/12/26 15:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			143404	06/12/26 04:12	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	143179	06/11/26 06:43	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	143212	06/12/26 04:12	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	143201	06/11/26 08:44	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	143213	06/11/26 15:43	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: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
SDG: 3315

#### 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 Texas NELAP T 104704400. 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: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
 SDG: 3315

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: Dos Equis 12-13 Fed Com 89H

Job ID: 890-10072-1  
SDG: 3315

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-10072-1	Backfill Sample	Solid	06/10/26 12:15	06/10/26 14:34	Texas

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### Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-10072-1

SDG Number: 3315

**Login Number: 10072**

**List Number: 1**

**Creator: Lopez, Abraham**

**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: 890-10072-1

SDG Number: 3315

**Login Number: 10072**

**List Number: 2**

**Creator: Laing, Edmundo**

**List Source: Eurofins Midland**

**List Creation: 06/11/26 06:19 AM**

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

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

QUESTIONS

Action 597715

**QUESTIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Prerequisites</b>	
Incident ID (n#)	nAPP2614853841
Incident Name	NAPP2614853841 DOS EQUIS 12-13 FEDERAL COM 89H @ 30-025-50138
Incident Type	Produced Water Release
Incident Status	Deferral Request Received
Incident Well	[30-025-50138] DOS EQUIS 12 13 FEDERAL COM #089H

<b>Location of Release Source</b>	
<i>Please answer all the questions in this group.</i>	
Site Name	DOS EQUIS 12-13 FEDERAL COM 89H
Date Release Discovered	05/27/2026
Surface Owner	Federal

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

<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: Other   Valve   Crude Oil   Released: 19 BBL   Recovered: 19 BBL   Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Other   Valve   Produced Water   Released: 47 BBL   Recovered: 45 BBL   Lost: 2 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	We had a reportable release at the Dos Equis 12-13 Federal Com 89H due to a 1/2" stainless steel ball valve on the water dump being partially open. The cause for the valve being open is currently under investigation. The incident resulted in the release of 65 barrels of crude oil and produced water mixture being released into the lined containment and onto the well pad. Approximately 63 barrels of fluids was recovered by vac trucks. The affected area will be surface scraped in the coming days, and an assessment and remediation plan will be scheduled in the coming weeks. Released: 19 barrels of crude oil + 47 barrels of produced water Recovered: 19 barrels of crude oil + 45 barrels of produced water

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QUESTIONS, Page 2

Action 597715

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Nature and Volume of Release (continued)</b>	
Is this a gas only submission (i.e. only significant Mcf values reported)	<b>No, according to supplied volumes this does not appear to be a "gas only" report.</b>
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	<b>Yes</b>
Reasons why this would be considered a submission for a notification of a major release	<b>From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.</b>

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

*Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.*

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 06/22/2026
--	--

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QUESTIONS, Page 3

Action 597715

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 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	Greater than 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)	7310
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	18300
GRO+DRO (EPA SW-846 Method 8015M)	17390
BTEX (EPA SW-846 Method 8021B or 8260B)	500
Benzene (EPA SW-846 Method 8021B or 8260B)	13

*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	06/09/2026
On what date will (or did) the final sampling or liner inspection occur	06/10/2026
On what date will (or was) the remediation complete(d)	06/10/2026
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	2950
What is the estimated volume (in cubic yards) that will be remediated	60

*These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.*

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QUESTIONS, Page 4

Action 597715

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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: 06/22/2026
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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.

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

General Information  
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 597715

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	We are requesting deferral of contamination under all separator equipment onsite. The entire area under the 3 Separators onsite along with all the piping onsite will be remediated once the maintenance or the wells are P/A'd, whichever comes first. Groundwater is deep, site is in a low karst area, site is not near any houses or wells.
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2300
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	130
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (f#) on which this deferral should be granted	Not answered.
Enter the well API (30-) on which this deferral should be granted	30-025-50138 DOS EQUIS 12 13 FEDERAL COM #089H
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>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>	
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: 06/22/2026

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**State of New Mexico  
Energy, Minerals and Natural Resources  
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QUESTIONS, Page 6

Action 597715

**QUESTIONS (continued)**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**QUESTIONS**

<b>Sampling Event Information</b>	
Last sampling notification (C-141N) recorded	<b>592480</b>
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	<b>06/10/2026</b>
What was the (estimated) number of samples that were to be gathered	<b>25</b>
What was the sampling surface area in square feet	<b>2900</b>

<b>Remediation Closure Request</b>	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	<b>No</b>

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CONDITIONS

Action 597715

**CONDITIONS**

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 597715
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

**CONDITIONS**

Created By	Condition	Condition Date
michael.buchanan	Deferral approved. Deferral of sampling points: S1, S2, S3, and S4 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	6/29/2026