



SITE INFORMATION

Closure Report
Pecos Valley CTB (01.19.2026)
Incident ID: nAPP2601961945
Eddy County, New Mexico
Unit H, Sec 13, T18S R26E
32.749771°, -104.328451°

Crude Oil Release

Point of Release: Crude Oil Released from the Flare Scrubber and Ignited Causing a fire.

Release Date: 01.19.2026

Volume Released: 1 Barrel of Crude Oil

Volume Recovered: 0 Barrels of Crude Oil

CARMONA RESOURCES



Prepared for:
Riley Permian Operating Company LLC
29 E. Reno Ave, Suite 500
Oklahoma City, Oklahoma, 73104

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 REMEDIATION ACTIVITIES

6.0 CONCLUSION

FIGURES

FIGURE 1 OVERVIEW

FIGURE 2

TOPOGRAPHIC

FIGURE 3 EXCAVATION DEPTH

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NMOCD CORRESPONDENCE

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



March 23, 2026

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

Re: **Closure Report**
Pecos Valley CTB (01.19.2026)
Incident ID: nAPP2601961945
Riley Permian Operating LLC
Site Location: Unit H, S13, T18S, R26E
32.749771°, -104.328451°
Eddy County, New Mexico

Mr. Bratcher:

At the request of Riley Permian Operating LLC, Carmona Resources LLC has prepared this letter to document the site remediation conducted at the Pecos Valley CTB (Site) located at 32.749771°, -104.328451° in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on January 19, 2026, due to a flare scrubber sending crude oil to the flare, which consequently ignited and caused a fire. It resulted in approximately one (1) barrel of crude oil being released on pad, with zero (0) barrels recovered. The release area is approximately 5,094 sq ft. The spill boundaries are shown in Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are five known water sources within a 0.50-mile radius of the location. The nearest identified well is approximately 0.1 miles Northwest of the site in S13, T18S, R26E, and was drilled in 2025. The well has a reported depth to groundwater of 22' feet below the ground surface (ft bgs). A copy of the associated Summary Report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

4.0 Site Assessment Activities

Initial Assessment

On February 9, 2026, Carmona Resources, LLC performed site assessment activities to evaluate and delineate the horizontal extent of the release. A total of six (6) horizontal sample points (H-1 through H-6) were installed to total depths ranging from surface to 0.5' bgs surrounding the release area to bound the lateral extent of the affected area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Labs in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015,



modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Horizontal Delineation

All horizontal samples were below regulatory thresholds for TPH, total BTEX, and Chlorides. Refer to Table 1 for the analytical results.

5.0 Remediation Activities

On March 10, 2026, Carmona Resources personnel were onsite to supervise the remediation activities and collect confirmation samples. Before collecting composite confirmation samples, the NMOCD division office was notified via NMOCD portal on March 5, 2026, per Subsection D of 19.15.29.12 NMAC. See Appendix C. The release area was excavated to a total depth of 0.5' bgs. A total of twenty-six (26) confirmation floor samples were collected (CS-1 through CS-26) were collected every 200 square feet to ensure the proper removal of the contaminated soils. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Labs in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

All final confirmation samples were below the regulatory requirements for TPH, total BTEX, and Chlorides. Refer to Table 2 for the results. The excavation depths and confirmation sample locations are shown in Figure 3.

Before the remediation activities were completed, the excavated areas were backfilled with clean material to surface grade. Prior to backfilling the excavation, a composite sample was collected from the locally sourced material stockpiled onsite. The composite sample was analyzed for TPH analysis by EPA method 8015 modified, BTEX by EPA Method 8021B, and Chloride by EPA method 4500. See Table 2. Approximately 5,094 sq ft and 95 cubic yards of material were excavated and transported offsite for proper disposal at Lea Land. See Appendix E for copies of laboratory analysis and chain-of-custody documentation.

6.0 Conclusions

Due to the excavation being less than six (6) inches in depth, horizontal delineation samples were collected in place of composite confirmation sidewall samples.

Based on the assessment and analytical data from the remediation, no further actions are required at the site. Riley Permian formally requests the closure of the spill. Riley Permian is requesting that this incident be closed for all aspects of 19.15.29.12 & 13. The entire area will be reclaimed and revegetated during normal P/A activities per NMAC 19.15.29.13. If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,

Carmona Resources, LLC

Ashton Thielke
Director of Operations


Riley Plogger
Project Manager

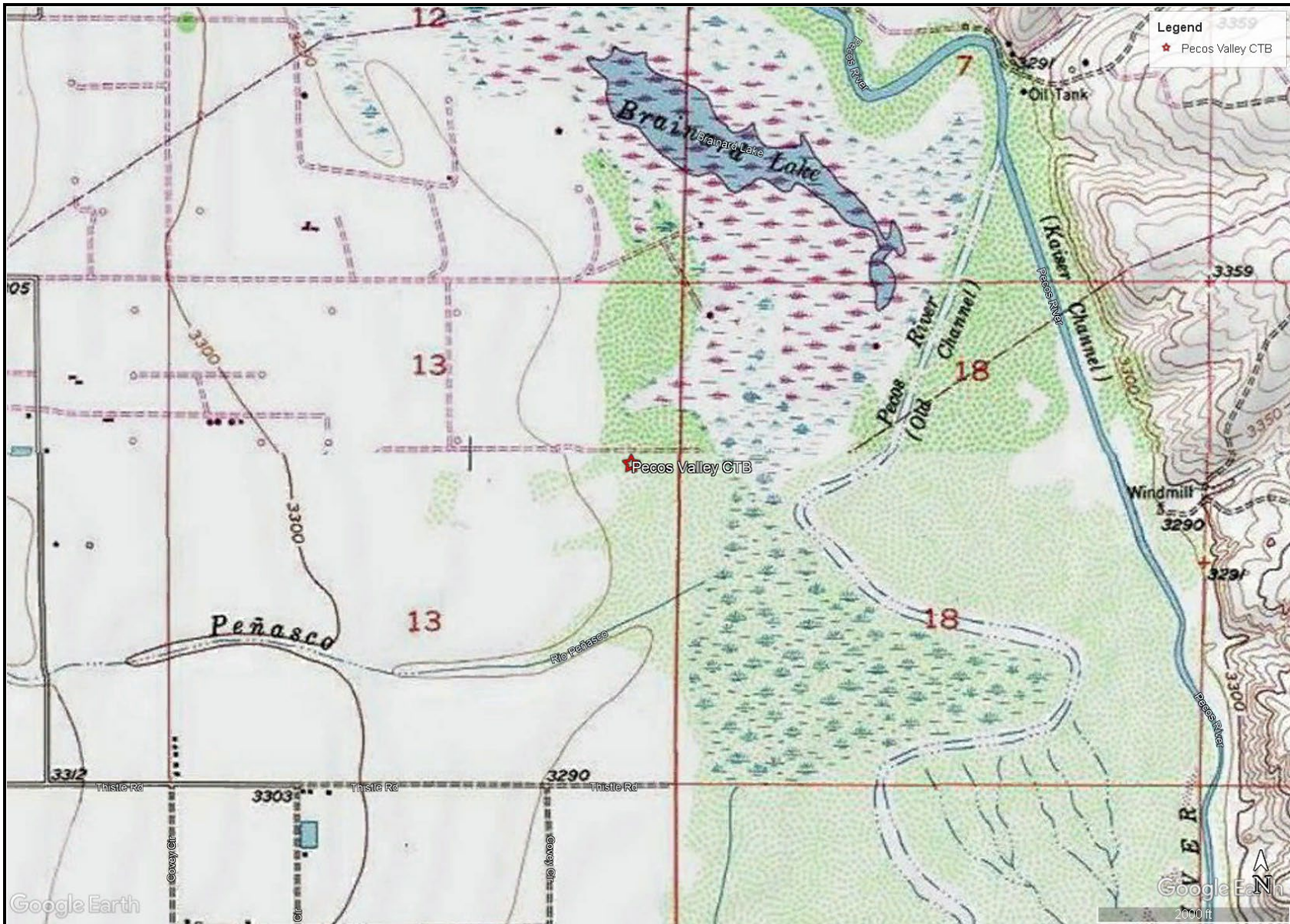
FIGURES

CARMONA RESOURCES





<p>OVERVIEW MAP RILEY PERMIAN OPERATING COMPANY LLC PECOS VALLEY CTB EDDY COUNTY, NEW MEXICO 32.749771°, -104.328451°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 1</p>
---	--	-----------------




TOPOGRAPHIC MAP
RILEY PERMIAN OPERATING COMPANY LLC
PECOS VALLEY CTB
EDDY COUNTY, NEW MEXICO
32.749771°, -104.328451°



FIGURE 2



<p>EXCAVATION DEPTH MAP RILEY PERMIAN OPERATING COMPANY LLC PECOS VALLEY CTB EDDY COUNTY, NEW MEXICO 32.749771°, -104.328451°</p>	<p>CARMONA RESOURCES </p>	<p>FIGURE 3</p>
---	--	-----------------

APPENDIX A

CARMONA RESOURCES



**Table 1
Riley Permian Operating LLC
Pecos Valley CTB
Eddy County, New Mexico**

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	2/9/2026	0.5'	<10.0	<10.0	10.9	10.9	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-2	2/9/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-3	2/9/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
H-4	2/9/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
H-5	2/9/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
H-6	2/9/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

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

Table 2
Riley Permian Operating LLC
Pecos Valley CTB
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
CS-1	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	18.3
CS-2	3/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	16.0
CS-3	3/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	<9.94
CS-4	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	28.8
CS-5	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	<9.98
CS-6	3/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	39.6
CS-7	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	15.6
CS-8	3/10/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	27.7
CS-9	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	16.8
CS-10	3/10/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	26.7
CS-11	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	<9.98
CS-12	3/10/2026	0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	27.0
CS-13	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	12.9
CS-14	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	27.5
CS-15	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00198	<0.00396	<10.0
CS-16	3/10/2026	0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	29.2
CS-17	3/10/2026	0.5'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	15.8
CS-18	3/10/2026	0.5'	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	23.0
CS-19	3/10/2026	0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	16.0
CS-20	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	23.7
CS-21	3/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	0.00372	0.00310	0.00682	10.8
CS-22	3/10/2026	0.5'	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00200	<0.00400	30.7
CS-23	3/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00200	<0.00399	<9.96
CS-24	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00201	<0.00402	20.8
CS-25	3/10/2026	0.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00202	<0.00404	<10.0
CS-26	3/10/2026	0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00199	<0.00398	16.2
Backfill Sample	2/24/2026	0.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
<i>Regulatory Criteria^A</i>						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg	

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

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Riley Permian Operating LLC

Photograph No. 1

Facility: Pecos Valley CTB

County: Eddy County, New Mexico

Description:
View East of the 0.5' scrape area.



Photograph No. 2

Facility: Pecos Valley CTB

County: Eddy County, New Mexico

Description:
View Northwest of the 0.5' scrape area.



Photograph No. 3

Facility: Pecos Valley CTB

County: Eddy County, New Mexico

Description:
View North of the 0.5' scrape area.



PHOTOGRAPHIC LOG

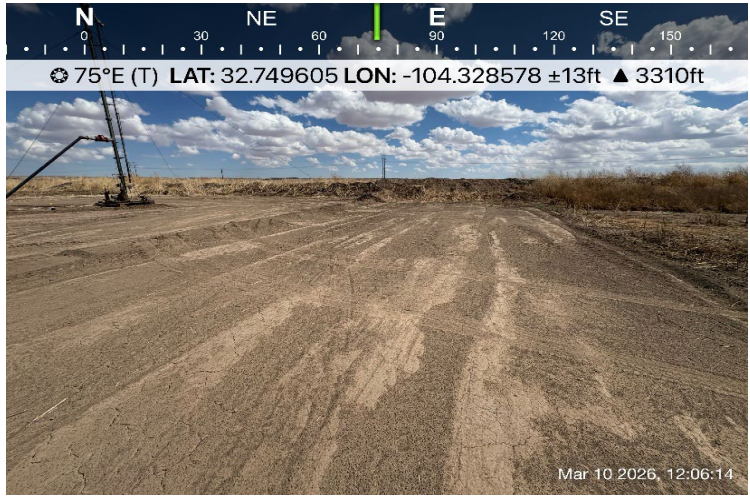
Riley Permian Operating LLC

Photograph No. 4

Facility: Pecos Valley CTB

County: Eddy County, New Mexico

Description:
View East of the 0.5' scrape area.



Photograph No. 5

Facility: Pecos Valley CTB

County: Eddy County, New Mexico

Description:
View West of the 0.5' scrape area.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 544369

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544369
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Pecos Valley CTB
Date Release Discovered	01/19/2026
Surface Owner	Private

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

Nature and Volume of Release	
<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: Normal Operations Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Flare scrubber sent less than a barrel of crude oil out of the flare, which ignited and caught the surrounding pasture on fire. EMS was contacted and they controlled and put out the fire. There were no standing fluids to recover.

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 2

Action 544369

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544369
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More volume information must be supplied to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<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.

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

ACKNOWLEDGMENTS

Action 544369

ACKNOWLEDGMENTS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544369
	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.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 544369

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544369
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
frodriguez01	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	1/19/2026

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 544461

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544461
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2601961945
Incident Name	NAPP2601961945 PECOS VALLEY CTB @ H-13-18S-26E
Incident Type	Fire
Incident Status	Initial C-141 Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PECOS VALLEY CTB
Date Release Discovered	01/19/2026
Surface Owner	Private

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

Nature and Volume of Release	
<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: Normal Operations Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Flare scrubber sent less than a barrel of crude oil out of the flare, which ignited and caught the surrounding pasture on fire. EMS was contacted and they controlled and put out the fire. There were no standing fluids to recover.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544461
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<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: Fernando Rodriguez Title: SR EHS Specialist Email: fernandorodriguez@rileypermian.com Date: 01/26/2026
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544461
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization	
<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)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<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>	

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 544461

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue, Suite 500 Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 544461
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	Incident type was changed to fire for obvious reasons. A fire shouldn't be reported as a flare on future C-141s.	2/3/2026

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 560327

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 560327
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2601961945
Incident Name	NAPP2601961945 PECOS VALLEY CTB @ H-13-18S-26E
Incident Type	Oil Release
Incident Status	Initial C-141 Approved

Location of Release Source	
Site Name	PECOS VALLEY CTB
Date Release Discovered	01/19/2026
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,100
What is the estimated number of samples that will be gathered	26
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/10/2026
Time sampling will commence	08:01 AM
Please provide any information necessary for observers to contact samplers	Carmona Resources – 432-701-5475
Please provide any information necessary for navigation to sampling site	(32.749771, -104.328451)

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 560327

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 560327
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
frodriguez01	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.	3/5/2026
frodriguez01	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.	3/5/2026

APPENDIX D

CARMONA RESOURCES



Nearest water well

Riley Permian Operating Company, LLC

Legend

- 0.1 Miles
- 0.5 Mile Radius
- NMOSE Water Well
- Pecos Valley CTB (01.19.2026)



22' - Drilled 2025





Pecos Valley CTB (01.19.2026)



Medium Karst

Riley Permian Operating Company, LLC

Legend

-  High
-  Low
-  Medium
-  Pecos Valley CTB (01.19.2026)

Pecos Valley CTB (01.19.2026)



2000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are smallest to largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
RA 13628 POD2		RA	ED	NW	SE	NE	13	18S	26E	562827.2	3623826.8	●	115	34	22	12
RA 13628 POD3		RA	ED	NW	SE	NE	13	18S	26E	562827.2	3623826.8	●	115	34	22	12
RA 13628 POD1		RA	ED	NE	SE	NE	13	18S	26E	562665.4	3623896.3	●	287	34	22	12
RA 02132 B		RA	ED	NW	NE	NW	24	18S	26E	561958.0	3622611.0 *	●	1482	166		
RA 03409		RA	ED	NW	SE	NE	24	18S	26E	562763.0	3622210.0 *	●	1543	175	18	157
RA 04298		RA	ED		NW	NE	19	18S	27E	564082.0	3622523.0 *	●	1694	92		
RA 12740 POD1		RA	ED	NE	SW	NE	14	18S	26E	560999.4	3623817.0	●	1912	150	86	64
RA 12483 POD3		RA	ED	NW	SE	SE	14	18S	26E	561120.0	3623003.2	●	1938	58	47	11
RA 03600		RA	ED	NE	SW	NE	14	18S	26E	560956.0	3623821.0 *	●	1955	955		
RA 12483 POD5		RA	ED	NW	SE	SE	14	18S	26E	561125.7	3622920.1	●	1966	59	53	6
RA 12483 POD2		RA	ED	NW	SE	SE	14	18S	26E	561083.6	3622999.9	●	1973	62	51	11
RA 12483 POD1		RA	ED	NW	SE	SE	14	18S	26E	561070.5	3623006.0	●	1983	72	55	17
RA 12483 POD4		RA	ED	NW	SE	SE	14	18S	26E	561086.4	3622959.9	●	1986	60	48	12
RA 03585		RA	ED	SE	NW	SE	14	18S	26E	560955.0	3623216.0 *	●	2026	1849		
RA 03900		RA	ED	NW	SW	NW	24	18S	26E	561557.0	3622206.0 *	●	2050	845	90	755
RA 03596		RA	ED		SW	SE	11	18S	26E	560858.0	3624531.0 *	●	2197	1736		
RA 02432		RA	ED	NE	NE	NW	12	18S	26E	562168.0	3625851.0 *	●	2231	100	55	45
RA 00012 A		RA	ED	SW	SW	SE	11	18S	26E	560757.0	3624430.0 *	●	2259	600		
RA 00773		RA	ED		NW	NE	23	18S	26E	560856.0	3622508.0 *	●	2398			
RA 00774		RA	ED		NW	NE	23	18S	26E	560856.0	3622508.0 *	●	2398			
RA 00775		RA	ED		NW	NE	23	18S	26E	560856.0	3622508.0 *	●	2398	900		
RA 03634		RA	ED	SW	NW	SE	11	18S	26E	560757.0	3624835.0 *	●	2412	1797		
RA 03639		RA	ED	SE	SE	SW	11	18S	26E	560555.0	3624429.0 *	●	2452	1710		
RA 03750		RA	ED		SW	SE	24	18S	26E	562465.0	3621299.0 *	●	2487	110	35	75
RA 05989		RA	ED	SW	NE	SE	01	18S	26E	562774.0	3626466.0 *	●	2722	72	8	64
RA 00011 A		RA	ED		SW	SW	11	18S	26E	560054.0	3624529.0 *	●	2961	1100		
RA 09374	O	RA	ED	NE	NW	NW	25	18S	26E	561759.0	3620995.0 *	●	2982	101		
RA 03731		RA	ED	NW	NW	NW	14	18S	26E	559953.0	3624223.0 *	●	2995	120	30	90
RA 06979		RA	ED		NW	NW	25	18S	26E	561660.0	3620896.0 *	●	3112	100		
RA 01144 -S		RA	CH		SW	NW	23	18S	26E	560055.0	3622102.0 *	●	3295	809		
RA 02389 POD1		RA	ED	NW	NE	NE	15	18S	26E	559551.0	3624221.0 *	●	3392	209	17	192
RA 01296		RA	ED	SW	SW	NW	23	18S	26E	559954.0	3622001.0 *	●	3433	180	80	100
RA 12280 POD1		RA	ED	NW	SE	NE	30	18S	27E	564352.4	3620584.6	●	3475	25	13	12
RA 11784 POD1		RA	ED	NW	NE	NE	22	18S	26E	559480.0	3622632.9	●	3606	154	98	56
RA 03714		RA	ED	SE	SE	NE	08	18S	27E	566212.0	3625253.0 *	●	3629	381		
RA 03499	O	RA	ED		SW	NE	15	18S	26E	559251.0	3623715.0 *	●	3659	666		
RA 03499 POD2	O	RA	ED		SW	NE	15	18S	26E	559251.0	3623715.0 *	●	3659	616	40	576
RA 12280 POD2		RA	ED	SW	SE	NE	30	18S	27E	564501.8	3620428.5	●	3679	25	18	7
RA 12280 POD3		RA	ED	SE	SE	NE	30	18S	27E	564647.2	3620494.1	●	3687	29	17	12
RA 01288		RA	ED	SW	SW	SW	02	18S	26E	559950.0	3626045.0 *	●	3747	186	50	136

(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)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	(meters)		(In feet)	
													Distance	Well Depth	Depth Water	Water Column
RA 05968		RA	ED		SW	NE	02	18S	26E	560859.0	3626958.0 *	●	3810	10		
RA 01171		RA	ED	NW	SW	SE	10	18S	26E	559149.0	3624622.0 *	●	3861	864	8	856
RA 02122		RA	ED	NW	NE	NE	10	18S	26E	559548.0	3625839.0 *	●	3960	115	15	100
RA 03756		RA	ED	NW	NW	SE	10	18S	26E	559147.0	3625027.0 *	●	3975	148	55	93

Average Depth to Water: **40 feet**

Minimum Depth: **8 feet**

Maximum Depth: **98 feet**

Record Count: 44

UTM Filters (in meters):

Easting: 562910.40

Northing: 3623746.54

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.

Point of Diversion Summary

quarters are 1=NW 2=NE 3=SW 4=SE
quarters are smallest to largest

NAD83 UTM in meters

Well Tag	POD Nbr	Q64	Q16	Q4	Sec	Tws	Rng	X	Y	Map
NA	RA 13628 POD2	NW	SE	NE	13	18S	26E	562827.2	3623826.8	

* UTM location was derived from PLSS - see Help

Driller License:	1249	Driller Company:	ATKINS ENGINEERING ASSOC. INC.		
Driller Name:	ATKINS, JACKIE D.UELRODNEY				
Drill Start Date:	2025-09-30	Drill Finish Date:	2025-09-30	Plug Date:	
Log File Date:	2025-10-22	PCW Rcv Date:	Source:		Shallow
Pump Type:	Pipe Discharge Size:		Estimated Yield:		
Casing Size:	Depth Well:		34	Depth Water:	
			22		

Water Bearing Stratifications:

Top	Bottom	Description
19	34	Other/Unknown

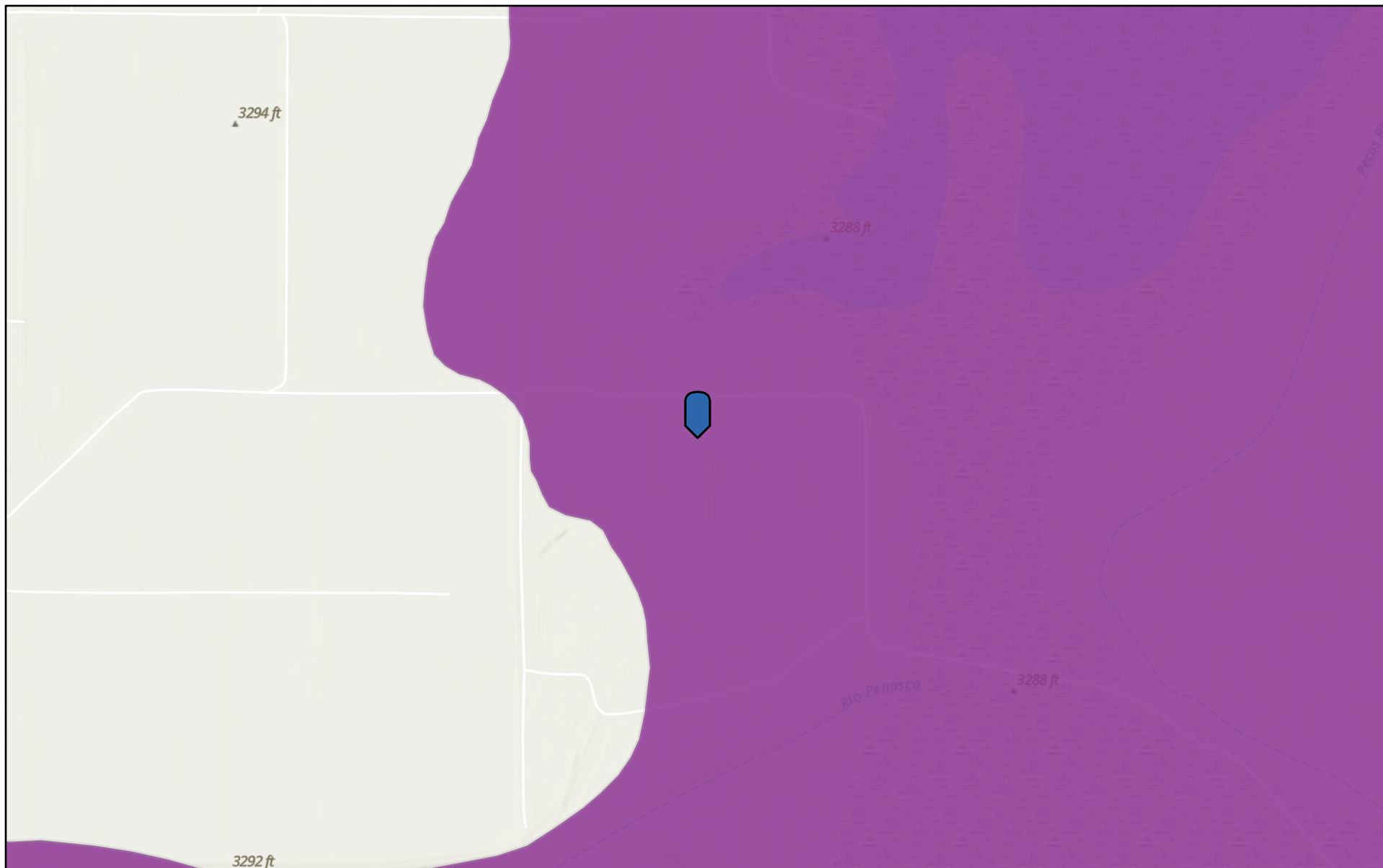
The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

1/29/26 1:20 PM MST

Point of Diversion Summary

©2024 New Mexico Office of the State Engineer, All Rights Reserved. | [Disclaimer](#) | [Contact Us](#) | [Help](#) | [Home](#) |

Pecos Valley CTB

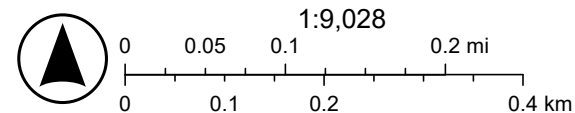


1/29/2026

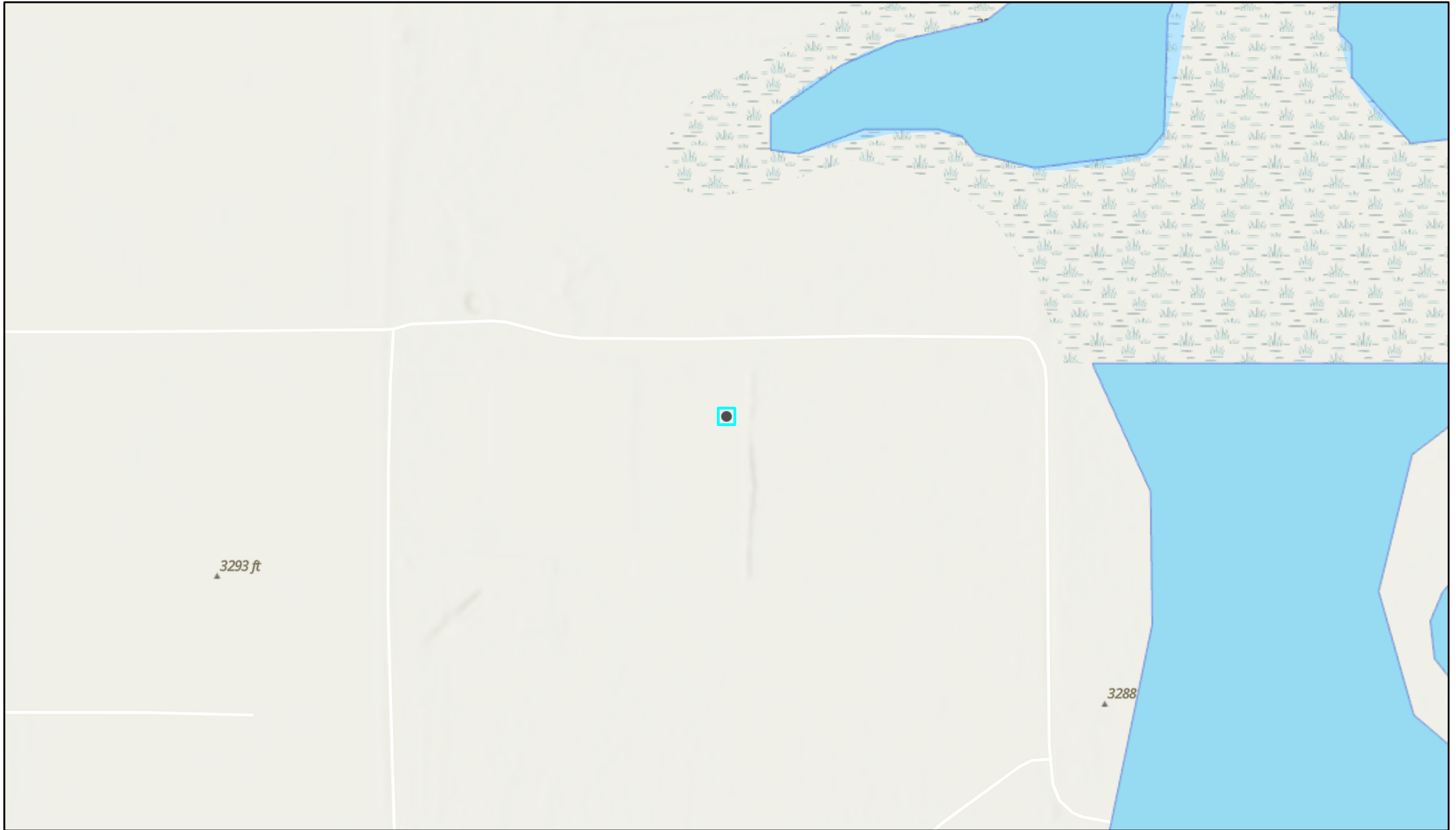
USA Flood Hazard Areas

 1% Annual Chance Flood Hazard

World_Hillshade

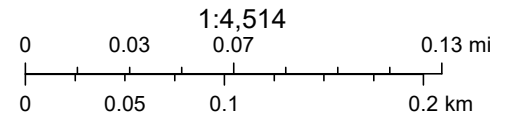


Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User



1/29/2026, 5:46:53 PM

OSW Water Bodies



Sources: Esri, Vantor, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User

APPENDIX E

CARMONA RESOURCES





PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

February 13, 2026

RILEY PLOGGER

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: PECOS VALLEY CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/09/26 12:33.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/09/2026	Sampling Date:	02/09/2026
Reported:	02/13/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Shalyn Rodriguez
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: H-1 (0.5') (H260741-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2026	ND	2.16	108	2.00	2.00	
Toluene*	<0.050	0.050	02/10/2026	ND	1.97	98.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.96	98.2	2.00	4.02	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.93	98.9	6.00	5.16	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/10/2026	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	216	108	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	211	106	200	0.528	
EXT DRO >C28-C36	10.9	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 87.4 % 52.4-130

Surrogate: 1-Chlorooctadecane 88.0 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/09/2026	Sampling Date:	02/09/2026
Reported:	02/13/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Shalyn Rodriguez
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: H-2 (0.5') (H260741-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2026	ND	2.16	108	2.00	2.00	
Toluene*	<0.050	0.050	02/10/2026	ND	1.97	98.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.96	98.2	2.00	4.02	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.93	98.9	6.00	5.16	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/10/2026	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	216	108	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	211	106	200	0.528	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 96.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 99.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/09/2026	Sampling Date:	02/09/2026
Reported:	02/13/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Shalyn Rodriguez
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: H-3 (0.5') (H260741-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2026	ND	2.16	108	2.00	2.00	
Toluene*	<0.050	0.050	02/10/2026	ND	1.97	98.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.96	98.2	2.00	4.02	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.93	98.9	6.00	5.16	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/10/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	216	108	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	211	106	200	0.528	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 92.6 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/09/2026	Sampling Date:	02/09/2026
Reported:	02/13/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Shalyn Rodriguez
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: H-4 (0.5') (H260741-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2026	ND	2.16	108	2.00	2.00	
Toluene*	<0.050	0.050	02/10/2026	ND	1.97	98.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.96	98.2	2.00	4.02	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.93	98.9	6.00	5.16	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/10/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	216	108	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	211	106	200	0.528	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 86.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 86.4 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/09/2026	Sampling Date:	02/09/2026
Reported:	02/13/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Shalyn Rodriguez
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: H-5 (0.5') (H260741-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2026	ND	2.16	108	2.00	2.00	
Toluene*	<0.050	0.050	02/10/2026	ND	1.97	98.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.96	98.2	2.00	4.02	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.93	98.9	6.00	5.16	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/10/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	216	108	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	211	106	200	0.528	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 88.2 % 52.4-130

Surrogate: 1-Chlorooctadecane 87.9 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/09/2026	Sampling Date:	02/09/2026
Reported:	02/13/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Shalyn Rodriguez
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: H-6 (0.5') (H260741-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2026	ND	2.16	108	2.00	2.00	
Toluene*	<0.050	0.050	02/10/2026	ND	1.97	98.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/10/2026	ND	1.96	98.2	2.00	4.02	
Total Xylenes*	<0.150	0.150	02/10/2026	ND	5.93	98.9	6.00	5.16	
Total BTEX	<0.300	0.300	02/10/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 70.4-141

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	02/10/2026	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2026	ND	216	108	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/10/2026	ND	211	106	200	0.528	
EXT DRO >C28-C36	<10.0	10.0	02/10/2026	ND					

Surrogate: 1-Chlorooctane 90.8 % 52.4-130

Surrogate: 1-Chlorooctadecane 90.7 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: H2600741

Page 1 of 1

Project Manager:	Riley Plogger	Bill to: (if different)	Fernando Rodriguez
Company Name:	Carmona Resources	Company Name:	Riley Permian
Address:	310 W Wall St Ste 500	Address:	29 E Reno Avenue, Suite 500
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Oklahoma City, OK 73104
Phone:	432-813-6823	Email:	fernando@rileypermian.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RC <input type="checkbox"/> Iperfund <input type="checkbox"/>	
State of Project:	
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	
H-1 (0.5')	2/9/2026		X		Grab	1	X	X	X	None: NO DI Water: H ₂ O
H-2 (0.5')	2/9/2026		X		Grab	1	X	X	X	Cool: Cool MeOH: Me
H-3 (0.5')	2/9/2026		X		Grab	1	X	X	X	HCL: HC HNO ₃ : HN
H-4 (0.5')	2/9/2026		X		Grab	1	X	X	X	H ₂ SO ₄ : H ₂ NaOH: Na
H-5 (0.5')	2/9/2026		X		Grab	1	X	X	X	H ₃ PO ₄ : HP NaHSO ₄ : NABIS
H-6 (0.5')	2/9/2026		X		Grab	1	X	X	X	Na ₂ S ₂ O ₃ : NASO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: S AFC

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

NO labels

Relinquished by: (Signature)

Date/Time

Received by: (Signature)

Date/Time

[Signature]

29 Feb 1933

[Signature]



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

March 02, 2026

RILEY PLOGGER

CARMONA RESOURCES

310 W WALL ST, SUITE 500

MIDLAND, TX 79701

RE: PECOS VALLEY CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/24/26 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C25-00101. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

CARMONA RESOURCES
 RILEY PLOGGER
 310 W WALL ST, SUITE 500
 MIDLAND TX, 79701
 Fax To:

Received:	02/24/2026	Sampling Date:	02/24/2026
Reported:	03/02/2026	Sampling Type:	Soil
Project Name:	PECOS VALLEY CTB	Sampling Condition:	Cool & Intact
Project Number:	3137	Sample Received By:	Alyssa Parras
Project Location:	RILEY PERMIAN - EDDY COUNTY, NM		

Sample ID: BACKFILL SAMPLE (H261050-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2026	ND	1.94	97.1	2.00	0.681	
Toluene*	<0.050	0.050	02/26/2026	ND	1.71	85.3	2.00	1.55	
Ethylbenzene*	<0.050	0.050	02/26/2026	ND	1.67	83.7	2.00	2.08	
Total Xylenes*	<0.150	0.150	02/26/2026	ND	4.85	80.9	6.00	2.10	
Total BTEX	<0.300	0.300	02/26/2026	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 70.4-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/25/2026	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: JF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/25/2026	ND	202	101	200	6.53	
DRO >C10-C28*	<10.0	10.0	02/25/2026	ND	170	85.1	200	8.57	
EXT DRO >C28-C36	<10.0	10.0	02/25/2026	ND					

Surrogate: 1-Chlorooctane 94.5 % 52.4-130

Surrogate: 1-Chlorooctadecane 92.1 % 39.9-141

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Riley Plogger
 Carmona Resources
 310 W Wall St
 Ste 500
 Midland, Texas 79701

Generated 3/19/2026 5:03:18 PM

JOB DESCRIPTION

Pecos Valley CTB
 Eddy County NM

JOB NUMBER

880-69404-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

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

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

Authorization



Generated
3/19/2026 5:03:18 PM

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

Client: Carmona Resources
Project/Site: Pecos Valley CTB

Laboratory Job ID: 880-69404-1
SDG: Eddy County NM

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 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	7
Surrogate Summary	27
QC Sample Results	29
QC Association Summary	38
Lab Chronicle	45
Certification Summary	53
Method Summary	54
Sample Summary	55
Chain of Custody	56
Receipt Checklists	59

Definitions/Glossary

Client: Carmona Resources
Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
SDG: Eddy County NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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: Pecos Valley CTB

Job ID: 880-69404-1

Job ID: 880-69404-1

Eurofins Midland

Job Narrative 880-69404-1

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

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

Receipt

The samples were received on 3/10/2026 3:20 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 6.5°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: CS-1(0.5') (880-69404-1), CS-2(0.5') (880-69404-2), CS-3(0.5') (880-69404-3), CS-4(0.5') (880-69404-4), CS-5(0.5') (880-69404-5), CS-6(0.5') (880-69404-6), CS-7(0.5') (880-69404-7), CS-8(0.5') (880-69404-8), CS-9(0.5') (880-69404-9), CS-10(0.5') (880-69404-10), CS-11(0.5') (880-69404-11), CS-12(0.5') (880-69404-12), CS-13(0.5') (880-69404-13), CS-14(0.5') (880-69404-14), CS-15(0.5') (880-69404-15), CS-16(0.5') (880-69404-16), CS-17(0.5') (880-69404-17), CS-18(0.5') (880-69404-18), CS-19(0.5') (880-69404-19), CS-20(0.5') (880-69404-20), CS-21(0.5') (880-69404-21), CS-22(0.5') (880-69404-22), CS-23(0.5') (880-69404-23), CS-24(0.5') (880-69404-24), CS-25(0.5') (880-69404-25) and CS-26(0.5') (880-69404-26).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: CS-1(0.5') (880-69404-1), CS-2(0.5') (880-69404-2), CS-3(0.5') (880-69404-3), CS-4(0.5') (880-69404-4), CS-5(0.5') (880-69404-5), CS-6(0.5') (880-69404-6), CS-7(0.5') (880-69404-7), CS-10(0.5') (880-69404-10), CS-11(0.5') (880-69404-11), CS-12(0.5') (880-69404-12), CS-13(0.5') (880-69404-13), CS-14(0.5') (880-69404-14), CS-15(0.5') (880-69404-15), CS-16(0.5') (880-69404-16), CS-17(0.5') (880-69404-17), CS-18(0.5') (880-69404-18), CS-19(0.5') (880-69404-19), (880-69404-A-1-B MS) and (880-69404-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-134590 and analytical batch 880-134922 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: Surrogate recovery for the following sample was outside control limits: CS-21(0.5') (880-69404-21). Evidence of matrix interferences is not obvious.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-135233 and analytical batch 880-135240 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: The matrix spike (MS) recoveries for preparation batch 880-134545 and analytical batch 880-134930 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

HPLC/IC

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Pecos Valley CTB

Job ID: 880-69404-1

Job ID: 880-69404-1 (Continued)

Eurofins Midland

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-1(0.5')

Lab Sample ID: 880-69404-1

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		03/11/26 11:59	03/16/26 13:20	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		03/11/26 11:59	03/16/26 13:20	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		03/11/26 11:59	03/16/26 13:20	1
m,p-Xylenes	<0.00399	U F1	0.00399		mg/Kg		03/11/26 11:59	03/16/26 13:20	1
o-Xylene	<0.00200	U F1	0.00200		mg/Kg		03/11/26 11:59	03/16/26 13:20	1
Xylenes, Total	<0.00399	U F1	0.00399		mg/Kg		03/11/26 11:59	03/16/26 13:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	03/11/26 11:59	03/16/26 13:20	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/11/26 11:59	03/16/26 13:20	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			03/16/26 13:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 03:40	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	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 03:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 03:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130	03/11/26 09:14	03/17/26 03:40	1
o-Terphenyl (Surr)	89		70 - 130	03/11/26 09:14	03/17/26 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.3		9.92		mg/Kg			03/11/26 23:55	1

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-69404-2

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 13:48	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 13:48	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 13:48	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 13:48	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 13:48	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	03/11/26 11:59	03/16/26 13:48	1
1,4-Difluorobenzene (Surr)	78		70 - 130	03/11/26 11:59	03/16/26 13:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-69404-2

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/16/26 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/26 03:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 03:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 03:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				03/11/26 09:14	03/17/26 03:53	1
o-Terphenyl (Surr)	93		70 - 130				03/11/26 09:14	03/17/26 03:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		10.1		mg/Kg			03/12/26 00:02	1

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-69404-3

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 14:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 14:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 14:09	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 14:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 14:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 14:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				03/11/26 11:59	03/16/26 14:09	1
1,4-Difluorobenzene (Surr)	85		70 - 130				03/11/26 11:59	03/16/26 14:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/16/26 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/26 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 04:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 04:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-69404-3

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130				03/11/26 09:14	03/17/26 04:08	1
o-Terphenyl (Surr)	97		70 - 130				03/11/26 09:14	03/17/26 04:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94		mg/Kg			03/12/26 00:22	1

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-69404-4

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 14:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 14:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 14:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 14:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 14:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 14:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				03/11/26 11:59	03/16/26 14:29	1
1,4-Difluorobenzene (Surr)	85		70 - 130				03/11/26 11:59	03/16/26 14:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/16/26 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 04:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				03/11/26 09:14	03/17/26 04:21	1
o-Terphenyl (Surr)	100		70 - 130				03/11/26 09:14	03/17/26 04:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.8		9.92		mg/Kg			03/12/26 00:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-5(0.5')

Lab Sample ID: 880-69404-5

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 14:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 14:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 14:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/11/26 11:59	03/16/26 14:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 14:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/11/26 11:59	03/16/26 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	03/11/26 11:59	03/16/26 14:50	1
1,4-Difluorobenzene (Surr)	85		70 - 130	03/11/26 11:59	03/16/26 14:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/16/26 14:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 04:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 04:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	03/11/26 09:14	03/17/26 04:36	1
o-Terphenyl (Surr)	98		70 - 130	03/11/26 09:14	03/17/26 04:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			03/12/26 00:35	1

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-69404-6

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 15:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 15:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 15:10	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/11/26 11:59	03/16/26 15:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 15:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/11/26 11:59	03/16/26 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	03/11/26 11:59	03/16/26 15:10	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/11/26 11:59	03/16/26 15:10	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-69404-6

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/16/26 15:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/26 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 04:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 04:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:14	03/17/26 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130				03/11/26 09:14	03/17/26 04:50	1
o-Terphenyl (Surr)	100		70 - 130				03/11/26 09:14	03/17/26 04:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.6		10.0		mg/Kg			03/12/26 00:42	1

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-69404-7

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 15:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 15:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 15:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 15:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 15:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				03/11/26 11:59	03/16/26 15:31	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/11/26 11:59	03/16/26 15:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/16/26 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 05:03	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	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 05:03	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-69404-7

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				03/11/26 09:14	03/17/26 05:03	1
o-Terphenyl (Surr)	100		70 - 130				03/11/26 09:14	03/17/26 05:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.6		10.0		mg/Kg			03/12/26 00:48	1

Client Sample ID: CS-8(0.5')

Lab Sample ID: 880-69404-8

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 15:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 15:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 15:51	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 15:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 15:51	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				03/11/26 11:59	03/16/26 15:51	1
1,4-Difluorobenzene (Surr)	87		70 - 130				03/11/26 11:59	03/16/26 15:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/16/26 15:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/17/26 05:18	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	<49.8	U	49.8		mg/Kg		03/11/26 09:14	03/17/26 05:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/11/26 09:14	03/17/26 05:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/26 09:14	03/17/26 05:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				03/11/26 09:14	03/17/26 05:18	1
o-Terphenyl (Surr)	101		70 - 130				03/11/26 09:14	03/17/26 05:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.7		10.0		mg/Kg			03/12/26 00:55	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-9(0.5')

Lab Sample ID: 880-69404-9

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 16:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 16:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 16:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 16:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 16:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	03/11/26 11:59	03/16/26 16:12	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/11/26 11:59	03/16/26 16:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/16/26 16:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 05:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 05:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 05:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/17/26 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	03/11/26 09:14	03/17/26 05:32	1
o-Terphenyl (Surr)	93		70 - 130	03/11/26 09:14	03/17/26 05:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		10.1		mg/Kg			03/12/26 01:15	1

Client Sample ID: CS-10(0.5')

Lab Sample ID: 880-69404-10

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 16:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 16:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 16:32	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/11/26 11:59	03/16/26 16:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 16:32	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/11/26 11:59	03/16/26 16:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	03/11/26 11:59	03/16/26 16:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/11/26 11:59	03/16/26 16:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-10(0.5')

Lab Sample ID: 880-69404-10

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/16/26 16:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/17/26 05:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/11/26 09:14	03/17/26 05:45	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/11/26 09:14	03/17/26 05:45	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/11/26 09:14	03/17/26 05:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130				03/11/26 09:14	03/17/26 05:45	1
o-Terphenyl (Surr)	103		70 - 130				03/11/26 09:14	03/17/26 05:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.7		9.96		mg/Kg			03/12/26 01:22	1

Client Sample ID: CS-11(0.5')

Lab Sample ID: 880-69404-11

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 17:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 17:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 17:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/11/26 11:59	03/16/26 17:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 17:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/11/26 11:59	03/16/26 17:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				03/11/26 11:59	03/16/26 17:54	1
1,4-Difluorobenzene (Surr)	89		70 - 130				03/11/26 11:59	03/16/26 17:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/16/26 17:54	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			03/17/26 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 00:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		03/11/26 09:17	03/17/26 00:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-11(0.5')

Lab Sample ID: 880-69404-11

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				03/11/26 09:17	03/17/26 00:36	1
o-Terphenyl (Surr)	90		70 - 130				03/11/26 09:17	03/17/26 00:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98		mg/Kg			03/12/26 01:42	1

Client Sample ID: CS-12(0.5')

Lab Sample ID: 880-69404-12

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 18:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 18:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 18:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 18:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 18:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 18:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				03/11/26 11:59	03/16/26 18:15	1
1,4-Difluorobenzene (Surr)	87		70 - 130				03/11/26 11:59	03/16/26 18:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/16/26 18:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/17/26 01:18	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	<49.8	U	49.8		mg/Kg		03/11/26 09:17	03/17/26 01:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/11/26 09:17	03/17/26 01:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/26 09:17	03/17/26 01:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				03/11/26 09:17	03/17/26 01:18	1
o-Terphenyl (Surr)	101		70 - 130				03/11/26 09:17	03/17/26 01:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.0		9.96		mg/Kg			03/12/26 01:49	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-13(0.5')

Lab Sample ID: 880-69404-13

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 18:35	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 18:35	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 18:35	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 18:35	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 18:35	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 18:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	03/11/26 11:59	03/16/26 18:35	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/11/26 11:59	03/16/26 18:35	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/16/26 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 01:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 01:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 01:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 01:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	03/11/26 09:17	03/17/26 01:33	1
o-Terphenyl (Surr)	98		70 - 130	03/11/26 09:17	03/17/26 01:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.9		10.0		mg/Kg			03/12/26 01:55	1

Client Sample ID: CS-14(0.5')

Lab Sample ID: 880-69404-14

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 18:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 18:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 18:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 18:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 18:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	03/11/26 11:59	03/16/26 18:56	1
1,4-Difluorobenzene (Surr)	91		70 - 130	03/11/26 11:59	03/16/26 18:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-14(0.5')

Lab Sample ID: 880-69404-14

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/16/26 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			03/17/26 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		03/11/26 09:17	03/17/26 01:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		03/11/26 09:17	03/17/26 01:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		03/11/26 09:17	03/17/26 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				03/11/26 09:17	03/17/26 01:46	1
o-Terphenyl (Surr)	106		70 - 130				03/11/26 09:17	03/17/26 01:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.5		9.92		mg/Kg			03/12/26 02:02	1

Client Sample ID: CS-15(0.5')

Lab Sample ID: 880-69404-15

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 19:16	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 19:16	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 19:16	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/11/26 11:59	03/16/26 19:16	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		03/11/26 11:59	03/16/26 19:16	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/11/26 11:59	03/16/26 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				03/11/26 11:59	03/16/26 19:16	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/11/26 11:59	03/16/26 19:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			03/16/26 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 02:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 02:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-15(0.5')

Lab Sample ID: 880-69404-15

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130				03/11/26 09:17	03/17/26 02:01	1
o-Terphenyl (Surr)	90		70 - 130				03/11/26 09:17	03/17/26 02:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/12/26 02:09	1

Client Sample ID: CS-16(0.5')

Lab Sample ID: 880-69404-16

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 19:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 19:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 19:37	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/11/26 11:59	03/16/26 19:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 19:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/11/26 11:59	03/16/26 19:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130				03/11/26 11:59	03/16/26 19:37	1
1,4-Difluorobenzene (Surr)	86		70 - 130				03/11/26 11:59	03/16/26 19:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/16/26 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			03/17/26 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		03/11/26 09:17	03/17/26 02:15	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		03/11/26 09:17	03/17/26 02:15	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		03/11/26 09:17	03/17/26 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				03/11/26 09:17	03/17/26 02:15	1
o-Terphenyl (Surr)	93		70 - 130				03/11/26 09:17	03/17/26 02:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.2		9.94		mg/Kg			03/12/26 02:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-17(0.5')

Lab Sample ID: 880-69404-17

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 19:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 19:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 19:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 19:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/11/26 11:59	03/16/26 19:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/11/26 11:59	03/16/26 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	03/11/26 11:59	03/16/26 19:57	1
1,4-Difluorobenzene (Surr)	87		70 - 130	03/11/26 11:59	03/16/26 19:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/16/26 19:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			03/17/26 02:29	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	<50.4	U	50.4		mg/Kg		03/11/26 09:17	03/17/26 02:29	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		03/11/26 09:17	03/17/26 02:29	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		03/11/26 09:17	03/17/26 02:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	03/11/26 09:17	03/17/26 02:29	1
o-Terphenyl (Surr)	90		70 - 130	03/11/26 09:17	03/17/26 02:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		10.0		mg/Kg			03/12/26 02:22	1

Client Sample ID: CS-18(0.5')

Lab Sample ID: 880-69404-18

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 20:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 20:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 20:18	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 20:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/11/26 11:59	03/16/26 20:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/11/26 11:59	03/16/26 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	03/11/26 11:59	03/16/26 20:18	1
1,4-Difluorobenzene (Surr)	88		70 - 130	03/11/26 11:59	03/16/26 20:18	1

Euofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-18(0.5')

Lab Sample ID: 880-69404-18

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/16/26 20:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			03/17/26 02:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		03/11/26 09:17	03/17/26 02:43	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		03/11/26 09:17	03/17/26 02:43	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		03/11/26 09:17	03/17/26 02:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				03/11/26 09:17	03/17/26 02:43	1
o-Terphenyl (Surr)	105		70 - 130				03/11/26 09:17	03/17/26 02:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.0		10.1		mg/Kg			03/12/26 13:50	1

Client Sample ID: CS-19(0.5')

Lab Sample ID: 880-69404-19

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 20:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 20:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 20:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 20:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/11/26 11:59	03/16/26 20:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/11/26 11:59	03/16/26 20:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130				03/11/26 11:59	03/16/26 20:38	1
1,4-Difluorobenzene (Surr)	88		70 - 130				03/11/26 11:59	03/16/26 20:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/16/26 20:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			03/17/26 02:57	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	<50.2	U	50.2		mg/Kg		03/11/26 09:17	03/17/26 02:57	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		03/11/26 09:17	03/17/26 02:57	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-19(0.5')

Lab Sample ID: 880-69404-19

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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		03/11/26 09:17	03/17/26 02:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				03/11/26 09:17	03/17/26 02:57	1
o-Terphenyl (Surr)	92		70 - 130				03/11/26 09:17	03/17/26 02:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.0		10.0		mg/Kg			03/12/26 14:05	1

Client Sample ID: CS-20(0.5')

Lab Sample ID: 880-69404-20

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 13:51	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		03/18/26 07:57	03/18/26 13:51	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/18/26 07:57	03/18/26 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 13:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/18/26 07:57	03/18/26 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				03/18/26 07:57	03/18/26 13:51	1
1,4-Difluorobenzene (Surr)	115		70 - 130				03/18/26 07:57	03/18/26 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/18/26 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 03:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 03:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 03:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 03:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130				03/11/26 09:17	03/17/26 03:11	1
o-Terphenyl (Surr)	100		70 - 130				03/11/26 09:17	03/17/26 03:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		10.0		mg/Kg			03/12/26 14:09	1

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-21(0.5')

Lab Sample ID: 880-69404-21

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		03/17/26 09:36	03/17/26 13:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		03/17/26 09:36	03/17/26 13:36	1
Ethylbenzene	0.00372		0.00198		mg/Kg		03/17/26 09:36	03/17/26 13:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		03/17/26 09:36	03/17/26 13:36	1
o-Xylene	0.00310		0.00198		mg/Kg		03/17/26 09:36	03/17/26 13:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		03/17/26 09:36	03/17/26 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	68	S1-	70 - 130	03/17/26 09:36	03/17/26 13:36	1
1,4-Difluorobenzene (Surr)	80		70 - 130	03/17/26 09:36	03/17/26 13:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00682		0.00396		mg/Kg			03/17/26 13:36	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			03/17/26 03:40	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	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 03:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 03:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	03/11/26 09:17	03/17/26 03:40	1
o-Terphenyl (Surr)	89		70 - 130	03/11/26 09:17	03/17/26 03:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.8		10.0		mg/Kg			03/12/26 14:14	1

Client Sample ID: CS-22(0.5')

Lab Sample ID: 880-69404-22

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 13:56	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/17/26 09:36	03/17/26 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 13:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/26 09:36	03/17/26 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	03/17/26 09:36	03/17/26 13:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	03/17/26 09:36	03/17/26 13:56	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-22(0.5')

Lab Sample ID: 880-69404-22

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			03/17/26 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			03/17/26 03:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		03/11/26 09:17	03/17/26 03:53	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		03/11/26 09:17	03/17/26 03:53	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		03/11/26 09:17	03/17/26 03:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130				03/11/26 09:17	03/17/26 03:53	1
o-Terphenyl (Surr)	93		70 - 130				03/11/26 09:17	03/17/26 03:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.7		10.0		mg/Kg			03/12/26 14:19	1

Client Sample ID: CS-23(0.5')

Lab Sample ID: 880-69404-23

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 14:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 14:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 14:17	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		03/17/26 09:36	03/17/26 14:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 14:17	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		03/17/26 09:36	03/17/26 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				03/17/26 09:36	03/17/26 14:17	1
1,4-Difluorobenzene (Surr)	100		70 - 130				03/17/26 09:36	03/17/26 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			03/17/26 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/26 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 04:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 04:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-23(0.5')

Lab Sample ID: 880-69404-23

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				03/11/26 09:17	03/17/26 04:08	1
o-Terphenyl (Surr)	91		70 - 130				03/11/26 09:17	03/17/26 04:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.96	U	9.96		mg/Kg			03/12/26 14:34	1

Client Sample ID: CS-24(0.5')

Lab Sample ID: 880-69404-24

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		03/17/26 09:36	03/17/26 14:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		03/17/26 09:36	03/17/26 14:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		03/17/26 09:36	03/17/26 14:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		03/17/26 09:36	03/17/26 14:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		03/17/26 09:36	03/17/26 14:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		03/17/26 09:36	03/17/26 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				03/17/26 09:36	03/17/26 14:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130				03/17/26 09:36	03/17/26 14:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			03/17/26 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 04:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 04:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 04:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				03/11/26 09:17	03/17/26 04:21	1
o-Terphenyl (Surr)	103		70 - 130				03/11/26 09:17	03/17/26 04:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.8		9.98		mg/Kg			03/12/26 14:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-25(0.5')

Lab Sample ID: 880-69404-25

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		03/17/26 09:36	03/17/26 16:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		03/17/26 09:36	03/17/26 16:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		03/17/26 09:36	03/17/26 16:52	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		03/17/26 09:36	03/17/26 16:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		03/17/26 09:36	03/17/26 16:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		03/17/26 09:36	03/17/26 16:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	03/17/26 09:36	03/17/26 16:52	1
1,4-Difluorobenzene (Surr)	97		70 - 130	03/17/26 09:36	03/17/26 16:52	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			03/17/26 16:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			03/17/26 04:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 04:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 04:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/11/26 09:17	03/17/26 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130	03/11/26 09:17	03/17/26 04:36	1
o-Terphenyl (Surr)	86		70 - 130	03/11/26 09:17	03/17/26 04:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/12/26 14:43	1

Client Sample ID: CS-26(0.5')

Lab Sample ID: 880-69404-26

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		03/17/26 09:36	03/17/26 17:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		03/17/26 09:36	03/17/26 17:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		03/17/26 09:36	03/17/26 17:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		03/17/26 09:36	03/17/26 17:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		03/17/26 09:36	03/17/26 17:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		03/17/26 09:36	03/17/26 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	03/17/26 09:36	03/17/26 17:12	1
1,4-Difluorobenzene (Surr)	93		70 - 130	03/17/26 09:36	03/17/26 17:12	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-26(0.5')

Lab Sample ID: 880-69404-26

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			03/17/26 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			03/17/26 04:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 04:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 04:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/17/26 04:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				03/11/26 09:17	03/17/26 04:50	1
o-Terphenyl (Surr)	93		70 - 130				03/11/26 09:17	03/17/26 04:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		10.0		mg/Kg			03/12/26 14:48	1

Surrogate Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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)
880-69404-1	CS-1(0.5')	131 S1+	91
880-69404-1 MS	CS-1(0.5')	131 S1+	88
880-69404-1 MSD	CS-1(0.5')	134 S1+	91
880-69404-2	CS-2(0.5')	133 S1+	78
880-69404-3	CS-3(0.5')	140 S1+	85
880-69404-4	CS-4(0.5')	136 S1+	85
880-69404-5	CS-5(0.5')	132 S1+	85
880-69404-6	CS-6(0.5')	140 S1+	87
880-69404-7	CS-7(0.5')	141 S1+	88
880-69404-8	CS-8(0.5')	130	87
880-69404-9	CS-9(0.5')	127	88
880-69404-10	CS-10(0.5')	141 S1+	88
880-69404-11	CS-11(0.5')	142 S1+	89
880-69404-12	CS-12(0.5')	142 S1+	87
880-69404-13	CS-13(0.5')	140 S1+	87
880-69404-14	CS-14(0.5')	140 S1+	91
880-69404-15	CS-15(0.5')	142 S1+	88
880-69404-16	CS-16(0.5')	138 S1+	86
880-69404-17	CS-17(0.5')	141 S1+	87
880-69404-18	CS-18(0.5')	137 S1+	88
880-69404-19	CS-19(0.5')	142 S1+	88
880-69404-20	CS-20(0.5')	106	115
880-69404-21	CS-21(0.5')	68 S1-	80
880-69404-22	CS-22(0.5')	94	99
880-69404-23	CS-23(0.5')	93	100
880-69404-24	CS-24(0.5')	88	98
880-69404-25	CS-25(0.5')	101	97
880-69404-26	CS-26(0.5')	89	93
880-69640-A-1-G MS	Matrix Spike	99	104
880-69640-A-1-H MSD	Matrix Spike Duplicate	96	102
880-69714-A-6-D MS	Matrix Spike	96	92
880-69714-A-6-E MSD	Matrix Spike Duplicate	100	98
LCS 880-134590/1-A	Lab Control Sample	128	92
LCS 880-135086/1-A	Lab Control Sample	108	98
LCS 880-135233/1-A	Lab Control Sample	95	98
LCSD 880-134590/2-A	Lab Control Sample Dup	129	90
LCSD 880-135086/2-A	Lab Control Sample Dup	102	99
LCSD 880-135233/2-A	Lab Control Sample Dup	103	101
MB 880-134590/5-A	Method Blank	129	84
MB 880-135086/5-A	Method Blank	95	96
MB 880-135233/5-A	Method Blank	101	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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)
880-69404-1	CS-1(0.5')	84	89
880-69404-2	CS-2(0.5')	86	93
880-69404-3	CS-3(0.5')	93	97
880-69404-4	CS-4(0.5')	87	100
880-69404-5	CS-5(0.5')	90	98
880-69404-6	CS-6(0.5')	87	100
880-69404-7	CS-7(0.5')	89	100
880-69404-8	CS-8(0.5')	88	101
880-69404-9	CS-9(0.5')	87	93
880-69404-10	CS-10(0.5')	89	103
880-69404-11	CS-11(0.5')	88	90
880-69404-11 MS	CS-11(0.5')	106	95
880-69404-11 MSD	CS-11(0.5')	107	94
880-69404-12	CS-12(0.5')	98	101
880-69404-13	CS-13(0.5')	96	98
880-69404-14	CS-14(0.5')	99	106
880-69404-15	CS-15(0.5')	88	90
880-69404-16	CS-16(0.5')	90	93
880-69404-17	CS-17(0.5')	90	90
880-69404-18	CS-18(0.5')	100	105
880-69404-19	CS-19(0.5')	92	92
880-69404-20	CS-20(0.5')	91	100
880-69404-21	CS-21(0.5')	90	89
880-69404-22	CS-22(0.5')	92	93
880-69404-23	CS-23(0.5')	86	91
880-69404-24	CS-24(0.5')	99	103
880-69404-25	CS-25(0.5')	85	86
880-69404-26	CS-26(0.5')	90	93
890-9619-A-6-B MS	Matrix Spike	95	98
890-9619-A-6-C MSD	Matrix Spike Duplicate	95	97
LCS 880-134544/2-A	Lab Control Sample	96	94
LCS 880-134545/2-A	Lab Control Sample	99	89
LCSD 880-134544/3-A	Lab Control Sample Dup	95	93
LCSD 880-134545/3-A	Lab Control Sample Dup	101	89
MB 880-134544/1-A	Method Blank	76	83
MB 880-134545/1-A	Method Blank	79	80

Surrogate Legend

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

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-134590/5-A
 Matrix: Solid
 Analysis Batch: 134922

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 134590

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 12:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 12:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 12:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/11/26 11:59	03/16/26 12:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/11/26 11:59	03/16/26 12:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/11/26 11:59	03/16/26 12:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	03/11/26 11:59	03/16/26 12:58	1
1,4-Difluorobenzene (Surr)	84		70 - 130	03/11/26 11:59	03/16/26 12:58	1

Lab Sample ID: LCS 880-134590/1-A
 Matrix: Solid
 Analysis Batch: 134922

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 134590

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1052		mg/Kg		105	70 - 130
Toluene	0.100	0.09611		mg/Kg		96	70 - 130
Ethylbenzene	0.100	0.1062		mg/Kg		106	70 - 130
m,p-Xylenes	0.200	0.2157		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1070		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	128		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-134590/2-A
 Matrix: Solid
 Analysis Batch: 134922

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 134590

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1089		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.1002		mg/Kg		100	70 - 130	4	35
Ethylbenzene	0.100	0.1115		mg/Kg		111	70 - 130	5	35
m,p-Xylenes	0.200	0.2267		mg/Kg		113	70 - 130	5	35
o-Xylene	0.100	0.1122		mg/Kg		112	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: 880-69404-1 MS
 Matrix: Solid
 Analysis Batch: 134922

Client Sample ID: CS-1(0.5')
 Prep Type: Total/NA
 Prep Batch: 134590

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.05336	F1	mg/Kg		53	70 - 130
Toluene	<0.00200	U F1	0.100	0.04884	F1	mg/Kg		49	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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

Lab Sample ID: 880-69404-1 MS

Client Sample ID: CS-1(0.5')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134922

Prep Batch: 134590

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec
	Result	Qualifier		Result	Qualifier				
Ethylbenzene	<0.00200	U F1	0.100	0.05192	F1	mg/Kg		52	70 - 130
m,p-Xylenes	<0.00399	U F1	0.200	0.1049	F1	mg/Kg		52	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.05606	F1	mg/Kg		56	70 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-69404-1 MSD

Client Sample ID: CS-1(0.5')

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 134922

Prep Batch: 134590

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec	RPD	Limit
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U F1 F2	0.100	0.07763	F2	mg/Kg		78	70 - 130	37	35
Toluene	<0.00200	U F1	0.100	0.06183	F1	mg/Kg		62	70 - 130	23	35
Ethylbenzene	<0.00200	U F1	0.100	0.06109	F1	mg/Kg		61	70 - 130	16	35
m,p-Xylenes	<0.00399	U F1	0.200	0.1217	F1	mg/Kg		61	70 - 130	15	35
o-Xylene	<0.00200	U F1	0.100	0.06465	F1	mg/Kg		65	70 - 130	14	35

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: MB 880-135086/5-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 135065

Prep Batch: 135086

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 11:52	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/17/26 09:36	03/17/26 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/17/26 09:36	03/17/26 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/17/26 09:36	03/17/26 11:52	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	95		70 - 130	03/17/26 09:36	03/17/26 11:52	1
1,4-Difluorobenzene (Surr)	96		70 - 130	03/17/26 09:36	03/17/26 11:52	1

Lab Sample ID: LCS 880-135086/1-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 135065

Prep Batch: 135086

Analyte	Spike	Added	LCS	LCS	Unit	D	%Rec	%Rec
			Result	Qualifier				
Benzene	0.100	0.1022			mg/Kg		102	70 - 130
Toluene	0.100	0.1186			mg/Kg		119	70 - 130
Ethylbenzene	0.100	0.1196			mg/Kg		120	70 - 130
m,p-Xylenes	0.200	0.2503			mg/Kg		125	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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

Lab Sample ID: LCS 880-135086/1-A
Matrix: Solid
Analysis Batch: 135065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1163		mg/Kg		116	70 - 130

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

Lab Sample ID: LCSD 880-135086/2-A
Matrix: Solid
Analysis Batch: 135065

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135086

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09658		mg/Kg		97	70 - 130	6	35
Toluene	0.100	0.1119		mg/Kg		112	70 - 130	6	35
Ethylbenzene	0.100	0.1116		mg/Kg		112	70 - 130	7	35
m,p-Xylenes	0.200	0.2327		mg/Kg		116	70 - 130	7	35
o-Xylene	0.100	0.1094		mg/Kg		109	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-69640-A-1-G MS
Matrix: Solid
Analysis Batch: 135065

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 135086

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09448		mg/Kg		94	70 - 130
Toluene	<0.00200	U	0.100	0.1024		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09977		mg/Kg		100	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.2065		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.09551		mg/Kg		96	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-69640-A-1-H MSD
Matrix: Solid
Analysis Batch: 135065

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 135086

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00200	U	0.100	0.09662		mg/Kg		97	70 - 130	2	35
Toluene	<0.00200	U	0.100	0.1012		mg/Kg		101	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09692		mg/Kg		97	70 - 130	3	35
m,p-Xylenes	<0.00399	U	0.200	0.1984		mg/Kg		99	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.09292		mg/Kg		93	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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

Lab Sample ID: 880-69640-A-1-H MSD
Matrix: Solid
Analysis Batch: 135065

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 135086

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-135233/5-A
Matrix: Solid
Analysis Batch: 135240

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 135233

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 11:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 11:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 11:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		03/18/26 07:57	03/18/26 11:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		03/18/26 07:57	03/18/26 11:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		03/18/26 07:57	03/18/26 11:47	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130	03/18/26 07:57	03/18/26 11:47	1
1,4-Difluorobenzene (Surr)	98		70 - 130	03/18/26 07:57	03/18/26 11:47	1

Lab Sample ID: LCS 880-135233/1-A
Matrix: Solid
Analysis Batch: 135240

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 135233

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.08604		mg/Kg		86	70 - 130
Toluene	0.100	0.09864		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.1227		mg/Kg		123	70 - 130
m,p-Xylenes	0.200	0.2282		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1106		mg/Kg		111	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-135233/2-A
Matrix: Solid
Analysis Batch: 135240

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 135233

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	Limit
		Result	Qualifier						
Benzene	0.100	0.1025		mg/Kg		103	70 - 130	18	35
Toluene	0.100	0.1063		mg/Kg		106	70 - 130	7	35
Ethylbenzene	0.100	0.1309	*+	mg/Kg		131	70 - 130	6	35
m,p-Xylenes	0.200	0.2494		mg/Kg		125	70 - 130	9	35
o-Xylene	0.100	0.1214		mg/Kg		121	70 - 130	9	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	103		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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

Lab Sample ID: LCSD 880-135233/2-A
 Matrix: Solid
 Analysis Batch: 135240

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 135233

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

Lab Sample ID: 880-69714-A-6-D MS
 Matrix: Solid
 Analysis Batch: 135240

Client Sample ID: Matrix Spike
 Prep Type: Total/NA
 Prep Batch: 135233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08302		mg/Kg		83	70 - 130
Toluene	<0.00200	U	0.100	0.08619		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U **	0.100	0.1060		mg/Kg		106	70 - 130
m,p-Xylenes	<0.00399	U	0.200	0.1790		mg/Kg		89	70 - 130
o-Xylene	<0.00200	U	0.100	0.08508		mg/Kg		85	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-69714-A-6-E MSD
 Matrix: Solid
 Analysis Batch: 135240

Client Sample ID: Matrix Spike Duplicate
 Prep Type: Total/NA
 Prep Batch: 135233

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	0.08617		mg/Kg		86	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09154		mg/Kg		92	70 - 130	6	35
Ethylbenzene	<0.00200	U **	0.100	0.1144		mg/Kg		114	70 - 130	8	35
m,p-Xylenes	<0.00399	U	0.200	0.2129		mg/Kg		106	70 - 130	17	35
o-Xylene	<0.00200	U	0.100	0.1025		mg/Kg		103	70 - 130	19	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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

Lab Sample ID: MB 880-134544/1-A
 Matrix: Solid
 Analysis Batch: 134932

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 134544

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/16/26 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/16/26 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:14	03/16/26 23:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130	03/11/26 09:14	03/16/26 23:55	1
o-Terphenyl (Surr)	83		70 - 130	03/11/26 09:14	03/16/26 23:55	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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

Lab Sample ID: LCS 880-134544/2-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134544

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	902.3		mg/Kg		90	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	848.8		mg/Kg		85	70 - 130	
		LCS	LCS					
Surrogate		%Recovery	Qualifier			Limits		
1-Chlorooctane (Surr)		96				70 - 130		
o-Terphenyl (Surr)		94				70 - 130		

Lab Sample ID: LCSD 880-134544/3-A
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134544

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	898.6		mg/Kg		90	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)	1000	844.2		mg/Kg		84	70 - 130	1	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier			Limits				
1-Chlorooctane (Surr)		95				70 - 130				
o-Terphenyl (Surr)		93				70 - 130				

Lab Sample ID: 890-9619-A-6-B MS
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 134544

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	825.5		mg/Kg		83	70 - 130	
Diesel Range Organics (Over C10-C28)	186		999	943.0		mg/Kg		76	70 - 130	
		MS	MS							
Surrogate		%Recovery	Qualifier			Limits				
1-Chlorooctane (Surr)		95				70 - 130				
o-Terphenyl (Surr)		98				70 - 130				

Lab Sample ID: 890-9619-A-6-C MSD
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134544

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
											RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	831.4		mg/Kg		83	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	186		999	936.3		mg/Kg		75	70 - 130	1	20	
		MSD	MSD									
Surrogate		%Recovery	Qualifier					Limits				
1-Chlorooctane (Surr)		95						70 - 130				

Eurofins Midland

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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

Lab Sample ID: 890-9619-A-6-C MSD
Matrix: Solid
Analysis Batch: 134932

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 134544

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
<i>o</i> -Terphenyl (Surr)	97		70 - 130

Lab Sample ID: MB 880-134545/1-A
Matrix: Solid
Analysis Batch: 134930

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 134545

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/16/26 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/16/26 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/11/26 09:17	03/16/26 23:55	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
<i>1</i> -Chlorooctane (Surr)	79		70 - 130	03/11/26 09:17	03/16/26 23:55	1
<i>o</i> -Terphenyl (Surr)	80		70 - 130	03/11/26 09:17	03/16/26 23:55	1

Lab Sample ID: LCS 880-134545/2-A
Matrix: Solid
Analysis Batch: 134930

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 134545

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	967.4		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	753.0		mg/Kg		75	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	99		70 - 130
<i>o</i> -Terphenyl (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-134545/3-A
Matrix: Solid
Analysis Batch: 134930

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 134545

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	988.4		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	756.2		mg/Kg		76	70 - 130	0	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
<i>1</i> -Chlorooctane (Surr)	101		70 - 130
<i>o</i> -Terphenyl (Surr)	89		70 - 130

QC Sample Results

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-69404-8 MS
 Matrix: Solid
 Analysis Batch: 134637

Client Sample ID: CS-8(0.5')
 Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.7		251	279.4		mg/Kg		100	90 - 110

Lab Sample ID: 880-69404-8 MSD
 Matrix: Solid
 Analysis Batch: 134637

Client Sample ID: CS-8(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	27.7		251	279.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-134598/1-A
 Matrix: Solid
 Analysis Batch: 134672

Client Sample ID: Method Blank
 Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			03/12/26 13:35	1

Lab Sample ID: LCS 880-134598/2-A
 Matrix: Solid
 Analysis Batch: 134672

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	230.6		mg/Kg		92	90 - 110

Lab Sample ID: LCSD 880-134598/3-A
 Matrix: Solid
 Analysis Batch: 134672

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	231.4		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-69404-18 MS
 Matrix: Solid
 Analysis Batch: 134672

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	23.0		252	265.2		mg/Kg		96	90 - 110

Lab Sample ID: 880-69404-18 MSD
 Matrix: Solid
 Analysis Batch: 134672

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	23.0		252	266.1		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

GC VOA

Prep Batch: 134590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Total/NA	Solid	5035	
880-69404-2	CS-2(0.5')	Total/NA	Solid	5035	
880-69404-3	CS-3(0.5')	Total/NA	Solid	5035	
880-69404-4	CS-4(0.5')	Total/NA	Solid	5035	
880-69404-5	CS-5(0.5')	Total/NA	Solid	5035	
880-69404-6	CS-6(0.5')	Total/NA	Solid	5035	
880-69404-7	CS-7(0.5')	Total/NA	Solid	5035	
880-69404-8	CS-8(0.5')	Total/NA	Solid	5035	
880-69404-9	CS-9(0.5')	Total/NA	Solid	5035	
880-69404-10	CS-10(0.5')	Total/NA	Solid	5035	
880-69404-11	CS-11(0.5')	Total/NA	Solid	5035	
880-69404-12	CS-12(0.5')	Total/NA	Solid	5035	
880-69404-13	CS-13(0.5')	Total/NA	Solid	5035	
880-69404-14	CS-14(0.5')	Total/NA	Solid	5035	
880-69404-15	CS-15(0.5')	Total/NA	Solid	5035	
880-69404-16	CS-16(0.5')	Total/NA	Solid	5035	
880-69404-17	CS-17(0.5')	Total/NA	Solid	5035	
880-69404-18	CS-18(0.5')	Total/NA	Solid	5035	
880-69404-19	CS-19(0.5')	Total/NA	Solid	5035	
MB 880-134590/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-134590/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-134590/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69404-1 MS	CS-1(0.5')	Total/NA	Solid	5035	
880-69404-1 MSD	CS-1(0.5')	Total/NA	Solid	5035	

Analysis Batch: 134922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Total/NA	Solid	8021B	134590
880-69404-2	CS-2(0.5')	Total/NA	Solid	8021B	134590
880-69404-3	CS-3(0.5')	Total/NA	Solid	8021B	134590
880-69404-4	CS-4(0.5')	Total/NA	Solid	8021B	134590
880-69404-5	CS-5(0.5')	Total/NA	Solid	8021B	134590
880-69404-6	CS-6(0.5')	Total/NA	Solid	8021B	134590
880-69404-7	CS-7(0.5')	Total/NA	Solid	8021B	134590
880-69404-8	CS-8(0.5')	Total/NA	Solid	8021B	134590
880-69404-9	CS-9(0.5')	Total/NA	Solid	8021B	134590
880-69404-10	CS-10(0.5')	Total/NA	Solid	8021B	134590
880-69404-11	CS-11(0.5')	Total/NA	Solid	8021B	134590
880-69404-12	CS-12(0.5')	Total/NA	Solid	8021B	134590
880-69404-13	CS-13(0.5')	Total/NA	Solid	8021B	134590
880-69404-14	CS-14(0.5')	Total/NA	Solid	8021B	134590
880-69404-15	CS-15(0.5')	Total/NA	Solid	8021B	134590
880-69404-16	CS-16(0.5')	Total/NA	Solid	8021B	134590
880-69404-17	CS-17(0.5')	Total/NA	Solid	8021B	134590
880-69404-18	CS-18(0.5')	Total/NA	Solid	8021B	134590
880-69404-19	CS-19(0.5')	Total/NA	Solid	8021B	134590
MB 880-134590/5-A	Method Blank	Total/NA	Solid	8021B	134590
LCS 880-134590/1-A	Lab Control Sample	Total/NA	Solid	8021B	134590
LCSD 880-134590/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	134590
880-69404-1 MS	CS-1(0.5')	Total/NA	Solid	8021B	134590
880-69404-1 MSD	CS-1(0.5')	Total/NA	Solid	8021B	134590

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

GC VOA

Analysis Batch: 135065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-21	CS-21(0.5')	Total/NA	Solid	8021B	135086
880-69404-22	CS-22(0.5')	Total/NA	Solid	8021B	135086
880-69404-23	CS-23(0.5')	Total/NA	Solid	8021B	135086
880-69404-24	CS-24(0.5')	Total/NA	Solid	8021B	135086
880-69404-25	CS-25(0.5')	Total/NA	Solid	8021B	135086
880-69404-26	CS-26(0.5')	Total/NA	Solid	8021B	135086
MB 880-135086/5-A	Method Blank	Total/NA	Solid	8021B	135086
LCS 880-135086/1-A	Lab Control Sample	Total/NA	Solid	8021B	135086
LCSD 880-135086/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135086
880-69640-A-1-G MS	Matrix Spike	Total/NA	Solid	8021B	135086
880-69640-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135086

Prep Batch: 135086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-21	CS-21(0.5')	Total/NA	Solid	5035	
880-69404-22	CS-22(0.5')	Total/NA	Solid	5035	
880-69404-23	CS-23(0.5')	Total/NA	Solid	5035	
880-69404-24	CS-24(0.5')	Total/NA	Solid	5035	
880-69404-25	CS-25(0.5')	Total/NA	Solid	5035	
880-69404-26	CS-26(0.5')	Total/NA	Solid	5035	
MB 880-135086/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135086/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135086/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69640-A-1-G MS	Matrix Spike	Total/NA	Solid	5035	
880-69640-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Total/NA	Solid	Total BTEX	
880-69404-2	CS-2(0.5')	Total/NA	Solid	Total BTEX	
880-69404-3	CS-3(0.5')	Total/NA	Solid	Total BTEX	
880-69404-4	CS-4(0.5')	Total/NA	Solid	Total BTEX	
880-69404-5	CS-5(0.5')	Total/NA	Solid	Total BTEX	
880-69404-6	CS-6(0.5')	Total/NA	Solid	Total BTEX	
880-69404-7	CS-7(0.5')	Total/NA	Solid	Total BTEX	
880-69404-8	CS-8(0.5')	Total/NA	Solid	Total BTEX	
880-69404-9	CS-9(0.5')	Total/NA	Solid	Total BTEX	
880-69404-10	CS-10(0.5')	Total/NA	Solid	Total BTEX	
880-69404-11	CS-11(0.5')	Total/NA	Solid	Total BTEX	
880-69404-12	CS-12(0.5')	Total/NA	Solid	Total BTEX	
880-69404-13	CS-13(0.5')	Total/NA	Solid	Total BTEX	
880-69404-14	CS-14(0.5')	Total/NA	Solid	Total BTEX	
880-69404-15	CS-15(0.5')	Total/NA	Solid	Total BTEX	
880-69404-16	CS-16(0.5')	Total/NA	Solid	Total BTEX	
880-69404-17	CS-17(0.5')	Total/NA	Solid	Total BTEX	
880-69404-18	CS-18(0.5')	Total/NA	Solid	Total BTEX	
880-69404-19	CS-19(0.5')	Total/NA	Solid	Total BTEX	
880-69404-20	CS-20(0.5')	Total/NA	Solid	Total BTEX	
880-69404-21	CS-21(0.5')	Total/NA	Solid	Total BTEX	
880-69404-22	CS-22(0.5')	Total/NA	Solid	Total BTEX	
880-69404-23	CS-23(0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
SDG: Eddy County NM

GC VOA (Continued)

Analysis Batch: 135121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-24	CS-24(0.5')	Total/NA	Solid	Total BTEX	
880-69404-25	CS-25(0.5')	Total/NA	Solid	Total BTEX	
880-69404-26	CS-26(0.5')	Total/NA	Solid	Total BTEX	

Prep Batch: 135233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-20	CS-20(0.5')	Total/NA	Solid	5035	
MB 880-135233/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-135233/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-135233/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-69714-A-6-D MS	Matrix Spike	Total/NA	Solid	5035	
880-69714-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 135240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-20	CS-20(0.5')	Total/NA	Solid	8021B	135233
MB 880-135233/5-A	Method Blank	Total/NA	Solid	8021B	135233
LCS 880-135233/1-A	Lab Control Sample	Total/NA	Solid	8021B	135233
LCSD 880-135233/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	135233
880-69714-A-6-D MS	Matrix Spike	Total/NA	Solid	8021B	135233
880-69714-A-6-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	135233

GC Semi VOA

Prep Batch: 134544

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-2	CS-2(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-3	CS-3(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-4	CS-4(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-5	CS-5(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-6	CS-6(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-7	CS-7(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-8	CS-8(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-9	CS-9(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-10	CS-10(0.5')	Total/NA	Solid	8015NM Prep	
MB 880-134544/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134544/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-9619-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-9619-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 134545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-11	CS-11(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-12	CS-12(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-13	CS-13(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-14	CS-14(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-15	CS-15(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-16	CS-16(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-17	CS-17(0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

GC Semi VOA (Continued)

Prep Batch: 134545 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-18	CS-18(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-19	CS-19(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-20	CS-20(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-21	CS-21(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-22	CS-22(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-23	CS-23(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-24	CS-24(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-25	CS-25(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-26	CS-26(0.5')	Total/NA	Solid	8015NM Prep	
MB 880-134545/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-134545/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-134545/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-69404-11 MS	CS-11(0.5')	Total/NA	Solid	8015NM Prep	
880-69404-11 MSD	CS-11(0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 134930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-11	CS-11(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-12	CS-12(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-13	CS-13(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-14	CS-14(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-15	CS-15(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-16	CS-16(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-17	CS-17(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-18	CS-18(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-19	CS-19(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-20	CS-20(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-21	CS-21(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-22	CS-22(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-23	CS-23(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-24	CS-24(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-25	CS-25(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-26	CS-26(0.5')	Total/NA	Solid	8015B NM	134545
MB 880-134545/1-A	Method Blank	Total/NA	Solid	8015B NM	134545
LCS 880-134545/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134545
LCSD 880-134545/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134545
880-69404-11 MS	CS-11(0.5')	Total/NA	Solid	8015B NM	134545
880-69404-11 MSD	CS-11(0.5')	Total/NA	Solid	8015B NM	134545

Analysis Batch: 134932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-2	CS-2(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-3	CS-3(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-4	CS-4(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-5	CS-5(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-6	CS-6(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-7	CS-7(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-8	CS-8(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-9	CS-9(0.5')	Total/NA	Solid	8015B NM	134544
880-69404-10	CS-10(0.5')	Total/NA	Solid	8015B NM	134544

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
SDG: Eddy County NM

GC Semi VOA (Continued)

Analysis Batch: 134932 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-134544/1-A	Method Blank	Total/NA	Solid	8015B NM	134544
LCS 880-134544/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	134544
LCSD 880-134544/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	134544
890-9619-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	134544
890-9619-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	134544

Analysis Batch: 135118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Total/NA	Solid	8015 NM	
880-69404-2	CS-2(0.5')	Total/NA	Solid	8015 NM	
880-69404-3	CS-3(0.5')	Total/NA	Solid	8015 NM	
880-69404-4	CS-4(0.5')	Total/NA	Solid	8015 NM	
880-69404-5	CS-5(0.5')	Total/NA	Solid	8015 NM	
880-69404-6	CS-6(0.5')	Total/NA	Solid	8015 NM	
880-69404-7	CS-7(0.5')	Total/NA	Solid	8015 NM	
880-69404-8	CS-8(0.5')	Total/NA	Solid	8015 NM	
880-69404-9	CS-9(0.5')	Total/NA	Solid	8015 NM	
880-69404-10	CS-10(0.5')	Total/NA	Solid	8015 NM	
880-69404-11	CS-11(0.5')	Total/NA	Solid	8015 NM	
880-69404-12	CS-12(0.5')	Total/NA	Solid	8015 NM	
880-69404-13	CS-13(0.5')	Total/NA	Solid	8015 NM	
880-69404-14	CS-14(0.5')	Total/NA	Solid	8015 NM	
880-69404-15	CS-15(0.5')	Total/NA	Solid	8015 NM	
880-69404-16	CS-16(0.5')	Total/NA	Solid	8015 NM	
880-69404-17	CS-17(0.5')	Total/NA	Solid	8015 NM	
880-69404-18	CS-18(0.5')	Total/NA	Solid	8015 NM	
880-69404-19	CS-19(0.5')	Total/NA	Solid	8015 NM	
880-69404-20	CS-20(0.5')	Total/NA	Solid	8015 NM	
880-69404-21	CS-21(0.5')	Total/NA	Solid	8015 NM	
880-69404-22	CS-22(0.5')	Total/NA	Solid	8015 NM	
880-69404-23	CS-23(0.5')	Total/NA	Solid	8015 NM	
880-69404-24	CS-24(0.5')	Total/NA	Solid	8015 NM	
880-69404-25	CS-25(0.5')	Total/NA	Solid	8015 NM	
880-69404-26	CS-26(0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 134597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Soluble	Solid	DI Leach	
880-69404-2	CS-2(0.5')	Soluble	Solid	DI Leach	
880-69404-3	CS-3(0.5')	Soluble	Solid	DI Leach	
880-69404-4	CS-4(0.5')	Soluble	Solid	DI Leach	
880-69404-5	CS-5(0.5')	Soluble	Solid	DI Leach	
880-69404-6	CS-6(0.5')	Soluble	Solid	DI Leach	
880-69404-7	CS-7(0.5')	Soluble	Solid	DI Leach	
880-69404-8	CS-8(0.5')	Soluble	Solid	DI Leach	
880-69404-9	CS-9(0.5')	Soluble	Solid	DI Leach	
880-69404-10	CS-10(0.5')	Soluble	Solid	DI Leach	
880-69404-11	CS-11(0.5')	Soluble	Solid	DI Leach	
880-69404-12	CS-12(0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
SDG: Eddy County NM

HPLC/IC (Continued)

Leach Batch: 134597 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-13	CS-13(0.5')	Soluble	Solid	DI Leach	
880-69404-14	CS-14(0.5')	Soluble	Solid	DI Leach	
880-69404-15	CS-15(0.5')	Soluble	Solid	DI Leach	
880-69404-16	CS-16(0.5')	Soluble	Solid	DI Leach	
880-69404-17	CS-17(0.5')	Soluble	Solid	DI Leach	
MB 880-134597/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134597/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134597/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-69404-8 MS	CS-8(0.5')	Soluble	Solid	DI Leach	
880-69404-8 MSD	CS-8(0.5')	Soluble	Solid	DI Leach	

Leach Batch: 134598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-18	CS-18(0.5')	Soluble	Solid	DI Leach	
880-69404-19	CS-19(0.5')	Soluble	Solid	DI Leach	
880-69404-20	CS-20(0.5')	Soluble	Solid	DI Leach	
880-69404-21	CS-21(0.5')	Soluble	Solid	DI Leach	
880-69404-22	CS-22(0.5')	Soluble	Solid	DI Leach	
880-69404-23	CS-23(0.5')	Soluble	Solid	DI Leach	
880-69404-24	CS-24(0.5')	Soluble	Solid	DI Leach	
880-69404-25	CS-25(0.5')	Soluble	Solid	DI Leach	
880-69404-26	CS-26(0.5')	Soluble	Solid	DI Leach	
MB 880-134598/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-134598/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-134598/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-69404-18 MS	CS-18(0.5')	Soluble	Solid	DI Leach	
880-69404-18 MSD	CS-18(0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 134637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-1	CS-1(0.5')	Soluble	Solid	300.0	134597
880-69404-2	CS-2(0.5')	Soluble	Solid	300.0	134597
880-69404-3	CS-3(0.5')	Soluble	Solid	300.0	134597
880-69404-4	CS-4(0.5')	Soluble	Solid	300.0	134597
880-69404-5	CS-5(0.5')	Soluble	Solid	300.0	134597
880-69404-6	CS-6(0.5')	Soluble	Solid	300.0	134597
880-69404-7	CS-7(0.5')	Soluble	Solid	300.0	134597
880-69404-8	CS-8(0.5')	Soluble	Solid	300.0	134597
880-69404-9	CS-9(0.5')	Soluble	Solid	300.0	134597
880-69404-10	CS-10(0.5')	Soluble	Solid	300.0	134597
880-69404-11	CS-11(0.5')	Soluble	Solid	300.0	134597
880-69404-12	CS-12(0.5')	Soluble	Solid	300.0	134597
880-69404-13	CS-13(0.5')	Soluble	Solid	300.0	134597
880-69404-14	CS-14(0.5')	Soluble	Solid	300.0	134597
880-69404-15	CS-15(0.5')	Soluble	Solid	300.0	134597
880-69404-16	CS-16(0.5')	Soluble	Solid	300.0	134597
880-69404-17	CS-17(0.5')	Soluble	Solid	300.0	134597
MB 880-134597/1-A	Method Blank	Soluble	Solid	300.0	134597
LCS 880-134597/2-A	Lab Control Sample	Soluble	Solid	300.0	134597
LCSD 880-134597/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134597
880-69404-8 MS	CS-8(0.5')	Soluble	Solid	300.0	134597

Eurofins Midland

QC Association Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

HPLC/IC (Continued)

Analysis Batch: 134637 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-8 MSD	CS-8(0.5')	Soluble	Solid	300.0	134597

Analysis Batch: 134672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-69404-18	CS-18(0.5')	Soluble	Solid	300.0	134598
880-69404-19	CS-19(0.5')	Soluble	Solid	300.0	134598
880-69404-20	CS-20(0.5')	Soluble	Solid	300.0	134598
880-69404-21	CS-21(0.5')	Soluble	Solid	300.0	134598
880-69404-22	CS-22(0.5')	Soluble	Solid	300.0	134598
880-69404-23	CS-23(0.5')	Soluble	Solid	300.0	134598
880-69404-24	CS-24(0.5')	Soluble	Solid	300.0	134598
880-69404-25	CS-25(0.5')	Soluble	Solid	300.0	134598
880-69404-26	CS-26(0.5')	Soluble	Solid	300.0	134598
MB 880-134598/1-A	Method Blank	Soluble	Solid	300.0	134598
LCS 880-134598/2-A	Lab Control Sample	Soluble	Solid	300.0	134598
LCSD 880-134598/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	134598
880-69404-18 MS	CS-18(0.5')	Soluble	Solid	300.0	134598
880-69404-18 MSD	CS-18(0.5')	Soluble	Solid	300.0	134598

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

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-1(0.5')

Lab Sample ID: 880-69404-1

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 13:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 13:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 03:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 03:40	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/11/26 23:55	SMC	EET MID

Client Sample ID: CS-2(0.5')

Lab Sample ID: 880-69404-2

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 13:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 13:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 03:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 03:53	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:02	SMC	EET MID

Client Sample ID: CS-3(0.5')

Lab Sample ID: 880-69404-3

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 14:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 14:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 04:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 04:08	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:22	SMC	EET MID

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-69404-4

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 14:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 14:29	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-4(0.5')

Lab Sample ID: 880-69404-4

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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			135118	03/17/26 04:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 04:21	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:28	SMC	EET MID

Client Sample ID: CS-5(0.5')

Lab Sample ID: 880-69404-5

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 14:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 14:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 04:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 04:36	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:35	SMC	EET MID

Client Sample ID: CS-6(0.5')

Lab Sample ID: 880-69404-6

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 15:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 15:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 04:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 04:50	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:42	SMC	EET MID

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-69404-7

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 15:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 15:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 05:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 05:03	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-7(0.5')

Lab Sample ID: 880-69404-7

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:48	SMC	EET MID

Client Sample ID: CS-8(0.5')

Lab Sample ID: 880-69404-8

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 15:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 15:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 05:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 05:18	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 00:55	SMC	EET MID

Client Sample ID: CS-9(0.5')

Lab Sample ID: 880-69404-9

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 16:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 16:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 05:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 05:32	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 01:15	SMC	EET MID

Client Sample ID: CS-10(0.5')

Lab Sample ID: 880-69404-10

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 16:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 16:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 05:45	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	134544	03/11/26 09:14	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134932	03/17/26 05:45	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 01:22	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-11(0.5')

Lab Sample ID: 880-69404-11

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 17:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 17:54	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 00:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 00:36	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 01:42	SMC	EET MID

Client Sample ID: CS-12(0.5')

Lab Sample ID: 880-69404-12

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 18:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 18:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 01:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 01:18	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 01:49	SMC	EET MID

Client Sample ID: CS-13(0.5')

Lab Sample ID: 880-69404-13

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 18:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 18:35	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 01:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 01:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 01:55	SMC	EET MID

Client Sample ID: CS-14(0.5')

Lab Sample ID: 880-69404-14

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 18:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 18:56	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-14(0.5')

Lab Sample ID: 880-69404-14

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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			135118	03/17/26 01:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 01:46	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 02:02	SMC	EET MID

Client Sample ID: CS-15(0.5')

Lab Sample ID: 880-69404-15

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 19:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 19:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 02:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 02:01	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 02:09	SMC	EET MID

Client Sample ID: CS-16(0.5')

Lab Sample ID: 880-69404-16

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 19:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 19:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 02:15	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 02:15	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 02:15	SMC	EET MID

Client Sample ID: CS-17(0.5')

Lab Sample ID: 880-69404-17

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 19:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 19:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 02:29	SA	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 02:29	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-17(0.5')

Lab Sample ID: 880-69404-17

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134597	03/11/26 13:04	SA	EET MID
Soluble	Analysis	300.0		1			134637	03/12/26 02:22	SMC	EET MID

Client Sample ID: CS-18(0.5')

Lab Sample ID: 880-69404-18

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 20:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 20:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 02:43	SA	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 02:43	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 13:50	SMC	EET MID

Client Sample ID: CS-19(0.5')

Lab Sample ID: 880-69404-19

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	134590	03/11/26 11:59	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	134922	03/16/26 20:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/16/26 20:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 02:57	SA	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 02:57	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:05	SMC	EET MID

Client Sample ID: CS-20(0.5')

Lab Sample ID: 880-69404-20

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	135233	03/18/26 07:57	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135240	03/18/26 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/18/26 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 03:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 03:11	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:09	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-21(0.5')

Lab Sample ID: 880-69404-21

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	135086	03/17/26 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135065	03/17/26 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/17/26 13:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 03:40	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 03:40	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:14	SMC	EET MID

Client Sample ID: CS-22(0.5')

Lab Sample ID: 880-69404-22

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	135086	03/17/26 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135065	03/17/26 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/17/26 13:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 03:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 03:53	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:19	SMC	EET MID

Client Sample ID: CS-23(0.5')

Lab Sample ID: 880-69404-23

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	135086	03/17/26 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135065	03/17/26 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/17/26 14:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 04:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 04:08	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:34	SMC	EET MID

Client Sample ID: CS-24(0.5')

Lab Sample ID: 880-69404-24

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	135086	03/17/26 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135065	03/17/26 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/17/26 14:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Client Sample ID: CS-24(0.5')

Lab Sample ID: 880-69404-24

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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			135118	03/17/26 04:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 04:21	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:38	SMC	EET MID

Client Sample ID: CS-25(0.5')

Lab Sample ID: 880-69404-25

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	135086	03/17/26 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135065	03/17/26 16:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/17/26 16:52	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 04:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 04:36	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:43	SMC	EET MID

Client Sample ID: CS-26(0.5')

Lab Sample ID: 880-69404-26

Date Collected: 03/10/26 00:00

Matrix: Solid

Date Received: 03/10/26 15:20

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	135086	03/17/26 09:36	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	135065	03/17/26 17:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			135121	03/17/26 17:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			135118	03/17/26 04:50	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	134545	03/11/26 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	134930	03/17/26 04:50	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	134598	03/11/26 13:06	SA	EET MID
Soluble	Analysis	300.0		1			134672	03/12/26 14:48	SMC	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
SDG: Eddy County NM

Laboratory: Eurofins Midland

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

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

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

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

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

Method Summary

Client: Carmona Resources
 Project/Site: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

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: Pecos Valley CTB

Job ID: 880-69404-1
 SDG: Eddy County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-69404-1	CS-1(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-2	CS-2(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-3	CS-3(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-4	CS-4(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-5	CS-5(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-6	CS-6(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-7	CS-7(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-8	CS-8(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-9	CS-9(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-10	CS-10(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-11	CS-11(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-12	CS-12(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-13	CS-13(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-14	CS-14(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-15	CS-15(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-16	CS-16(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-17	CS-17(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-18	CS-18(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-19	CS-19(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-20	CS-20(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-21	CS-21(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-22	CS-22(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-23	CS-23(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-24	CS-24(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-25	CS-25(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico
880-69404-26	CS-26(0.5')	Solid	03/10/26 00:00	03/10/26 15:20	New Mexico

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

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

Chain of Custody



Page 1 of 3

Project Manager: Riley Plogger	Bill to: (if different) Carmora Resources
Company Name: Carmora Resources	Company Name:
Address: 310 W Wall St Ste 500	Address:
City, State ZIP: Midland, TX 79701	City, State ZIP:
Phone: 432-813-6823	Email: rplogger@carmoraresources.com

Work Order Comments	
Program: UST/PRP <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Pertund <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name: Pecos Valley CTB	Turn Around	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code	
Project Number: 3137	Due Date:	Standard			
Project Location: Eddy County, NM	Sampler's Name: FV				
PO #:	Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Wet Ice: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
SAMPLE RECEIPT	Received Intact: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID: FRS			
Cooler Custody Seals: Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	Correction Factor: 1.1				
Sample Custody Seals: Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> NA	Temperature Reading: 6.4				
Total Containers:	Corrected Temperature: 6.5				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	
CS-1 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-2 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-3 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-4 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-5 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-6 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-7 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-8 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-9 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-10 (0.5')	3/10/2026		X		Comp	1	X	X	X	

Comments: Email to Mike Carmora / mearmora@carmoraresources.com and Corner Moehring / moehring@carmoraresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	3/10/26 15:20	<i>[Signature]</i>	3/10/26 15:20

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

Chain of Custody

Work Order No: _____

Page 2 of 3

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

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> perfund <input type="checkbox"/>	
State of Project:	
Reporting Level: Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____	

Project Name:	Pecos Valley CTB		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes				
	Project Number:	3137	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush		Due Date:													None: NO	DI Water: H ₂ O		
Project Location:	Eddy County, NM		Standard															Cool: Cool	MeOH: Me			
Sampler's Name:	FV																	HCL: HC	HNO ₃ : HN			
PO #:																		H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>														H ₃ PO ₄ : HP				
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	FRT															NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	0.4															Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	0.5															Zn Acetate+NaOH: Zn				
Total Containers:			Corrected Temperature:	0.5														NaOH+Ascorbic Acid: SAPC				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
CS-11 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-12 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-13 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-14 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-15 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-16 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-17 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-18 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-19 (0.5)	3/10/2026		X		Comp	1	X	X	X													
CS-20 (0.5)	3/10/2026		X		Comp	1	X	X	X													

Comments: Email to Mike Carmona / Mccarmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Jabon Vargas</i>	3/10/26 15:20	<i>JM</i>	3/10/26 15:20

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

Chain of Custody

Work Order No: _____

Page 3 of 3

Project Manager:	Riley Plogger	Bill to: (if different)	Carmona Resources
Company Name:	Carmona Resources	Company Name:	
Address:	310 W Wall St Ste 500	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	432-613-6823	Email:	rlogger@carmonarresources.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Rowfields <input type="checkbox"/> RC <input type="checkbox"/> Inpurd <input type="checkbox"/>	State of Project:
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: _____

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Preservative Codes
							BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300	
CS-21 (0.5')	3/10/2026		X		Comp	1	X	X	X	None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSC ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
CS-22 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-23 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-24 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-25 (0.5')	3/10/2026		X		Comp	1	X	X	X	
CS-26 (0.5')	3/10/2026		X		Comp	1	X	X	X	

Comments: Email to Mike Carmona / Mearmona@carmonarresources.com and Conner Moehring / Cmoehring@carmonarresources.com

Relinquished by: (Signature) 	Received by: (Signature)
Date/Time 3/10/26 15:20	Date/Time 3/10/26 15:20

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-69404-1
SDG Number: Eddy County NM

Login Number: 69404
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

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

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

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 567454

QUESTIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2601961945
Incident Name	NAPP2601961945 PECOS VALLEY CTB @ H-13-18S-26E
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	PECOS VALLEY CTB
Date Release Discovered	01/19/2026
Surface Owner	Private

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

Nature and Volume of Release	
<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: Normal Operations Other (Specify) Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Flare scrubber sent less than a barrel of crude oil out of the flare, which ignited and caught the surrounding pasture on fire. EMS was contacted and they controlled and put out the fire. There were no standing fluids to recover.

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 2

Action 567454

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<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: Fernando Rodriguez Title: SR EHS Specialist Email: fernandorodriguez@rileypermian.com Date: 03/27/2026
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 567454

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 500 and 1000 (ft.)
An occupied permanent residence, school, hospital, institution, or church	Between ½ and 1 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between ½ and 1 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Zero feet, overlying, or within area
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)	48
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10.9
GRO+DRO (EPA SW-846 Method 8015M)	10.9
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/10/2026
On what date will (or did) the final sampling or liner inspection occur	03/10/2026
On what date will (or was) the remediation complete(d)	03/10/2026
What is the estimated surface area (in square feet) that will be reclaimed	5094
What is the estimated volume (in cubic yards) that will be reclaimed	95
What is the estimated surface area (in square feet) that will be remediated	5094
What is the estimated volume (in cubic yards) that will be remediated	95

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.

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 4

Action 567454

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site 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: Fernando Rodriguez Title: SR EHS Specialist Email: fernandorodriguez@rileypermian.com Date: 03/27/2026
--	---

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 567454

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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 6

Action 567454

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	560327
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/10/2026
What was the (estimated) number of samples that were to be gathered	26
What was the sampling surface area in square feet	5100

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5094
What was the total volume (cubic yards) remediated	95
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	5094
What was the total volume (in cubic yards) reclaimed	95
Summarize any additional remediation activities not included by answers (above)	All remediation activities are completed. Refer to Table 1 and Figures 3 for sample result data and confirmation sample point location.

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Fernando Rodriguez Title: SR EHS Specialist Email: fernandorodriguez@rileypermian.com Date: 03/27/2026
--	---

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 7

Action 567454

QUESTIONS (continued)

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 567454

CONDITIONS

Operator: RILEY PERMIAN OPERATING COMPANY, LLC 29 E Reno Avenue Oklahoma City, OK 73104	OGRID: 372290
	Action Number: 567454
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAPP2601961945 PECOS VALLEY CTB, thank you. This Remediation Closure Report is approved.	4/7/2026