



SITE INFORMATION

**Remediation Work Plan
Riverbend 14 – 2 ROW (09.21.2025)
Incident ID: nAPP2526854980
Eddy County, New Mexico
Unit A, Sec 22, T25S, R28E
32.12236°, -104.07252°**

**Produced Water Release
Point of Release: 4" Poly Line Ruptured on a Dirt Crossover in Right-of-Way
Release Date: 09.21.2025
Volume Released: 106 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water**

CARMONA RESOURCES



**Prepared for:
Cimarex Energy Co. of Colorado
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706**

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

310 West Wall Street, Suite 500
Midland TX, 79701
432.813.1992



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October 29, 2025

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

**Re: Work Plan
Riverbend 14 – 2 ROW (09.21.2025)
Cimarex Energy Co. of Colorado
Incident # nAPP2526854980
Site Location: Unit A Sec 22 T25S R28E
(Lat 32.12236°, Long -104.07252°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of Cimarex Energy Co. of Colorado (Cimarex), Carmona Resources, LLC (Carmona Resources) has prepared this letter to document site assessment activities for the Riverbend 14 – 2 ROW. The site is located at 32.12236°, -104.07252° within Unit A, S22, T25S, R28E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on September 21, 2025, due to a poly line ruptured, 4 inch poly that crossed a dirt crossover ruptured resulting in a release. The incident resulted in approximately one hundred six (106) barrels of produced water to be released, with zero (0) barrels of produced water recovered. The spill boundaries are shown in Figure 3. The Notification of Release 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 no known water sources within a 0.50-mile radius of the location. The nearest Groundwater Determination Bore (GWDB) is located approximately 0.06 miles Southeast of the site in S22, T254S, R28E (32.121596°, -104.072229°) and was drilled in 2022. The GWDB was drilled to 105 feet below ground surface (ft bgs) and did not have evidence of groundwater after 72 hours. A copy of the associated well log is attached in Appendix D.

Additionally, a karst survey was completed on October 27, 2025, per NMOCD request. The Karst Survey was completed in order to proceed with remediating per the standards set in Table 1 NMAC 19.15.29.12 Groundwater >100 feet due to the site being determined to be in a “Low Karst” environment. *“No surface karst features were located within 200 feet of the spill delineation boundary.”* See Appendix D for the Karst Survey.

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3.0 NMAC Regulatory Criteria

Per the NMOCDC regulatory criteria established in 19.15.29.12 NMAC, the following criteria were utilized in assessing the site.

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

4.0 Site Assessment Activities

Initial Assessment

On October 9, 2024, Carmona Resources performed site assessment activities to evaluate soil impacts stemming from the release. A total of eight (8) sample points (S-1 through S-8) and eight (8) horizontal samples (H-1 through H-8) were advanced to depths ranging from surface to 7.0 ft bgs inside and surrounding the release area to evaluate the vertical and horizontal extent of the release. See Figure 3 for the soil sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and Chloride by EPA method 300.0. The laboratory reports, including analytical methods, results, and chain-of-custody documents, are attached in Appendix E.

Vertical Delineation

Vertical delineation was achieved in the areas of S-1 through S-8 for Benzene, total BTEX, TPH, and Chloride concentrations.

Horizontal Delineation

Horizontal delineation was achieved in the areas of H-1 through H-8 for Benzene, total BTEX, TPH, and Chloride concentrations.

5.0 Proposed Work Plan

Based on the analytical data and the detected chloride & TPH concentrations, Cimarex proposes to remediate the areas shown in Figures 4A through 4C and highlighted (blue) in Table 1.

- The areas S-1 through S-3 and S-5 through S-8 will be excavated to a depth of 4.5 ft bgs and backfilled with clean material to surface grade.
- The area S-4 will be excavated to a depth of 1.5' bgs and backfilled with clean material to surface grade.
- Due to the excavation taking place within close proximity to buried utilities, a combination of hydro excavating and mechanical excavating will take place.
- An estimated 4,046 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth of the release.
- A variance is requested per 19.15.29.14. An NMAC, Five-point composite bottom hole, and sidewall samples will be collected every 400 square feet to represent the release area.

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- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The entire site will be reseeded with BLM #3 seed mix. The remediation will be implemented 90 days after the work plan is approved.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-8988.

Sincerely,

Carmona Resources, LLC

Ashton Thielke
Environmental Manager

Gilbert Priego Jr
Project Manager

FIGURES

CARMONA RESOURCES





OVERVIEW MAP
CIMAREX ENERGY CO OF COLORADO
RIVERBEND 14-2 ROW
EDDY COUNTY, NEW MEXICO
32.12236°, -104.07252°

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FIGURE 1

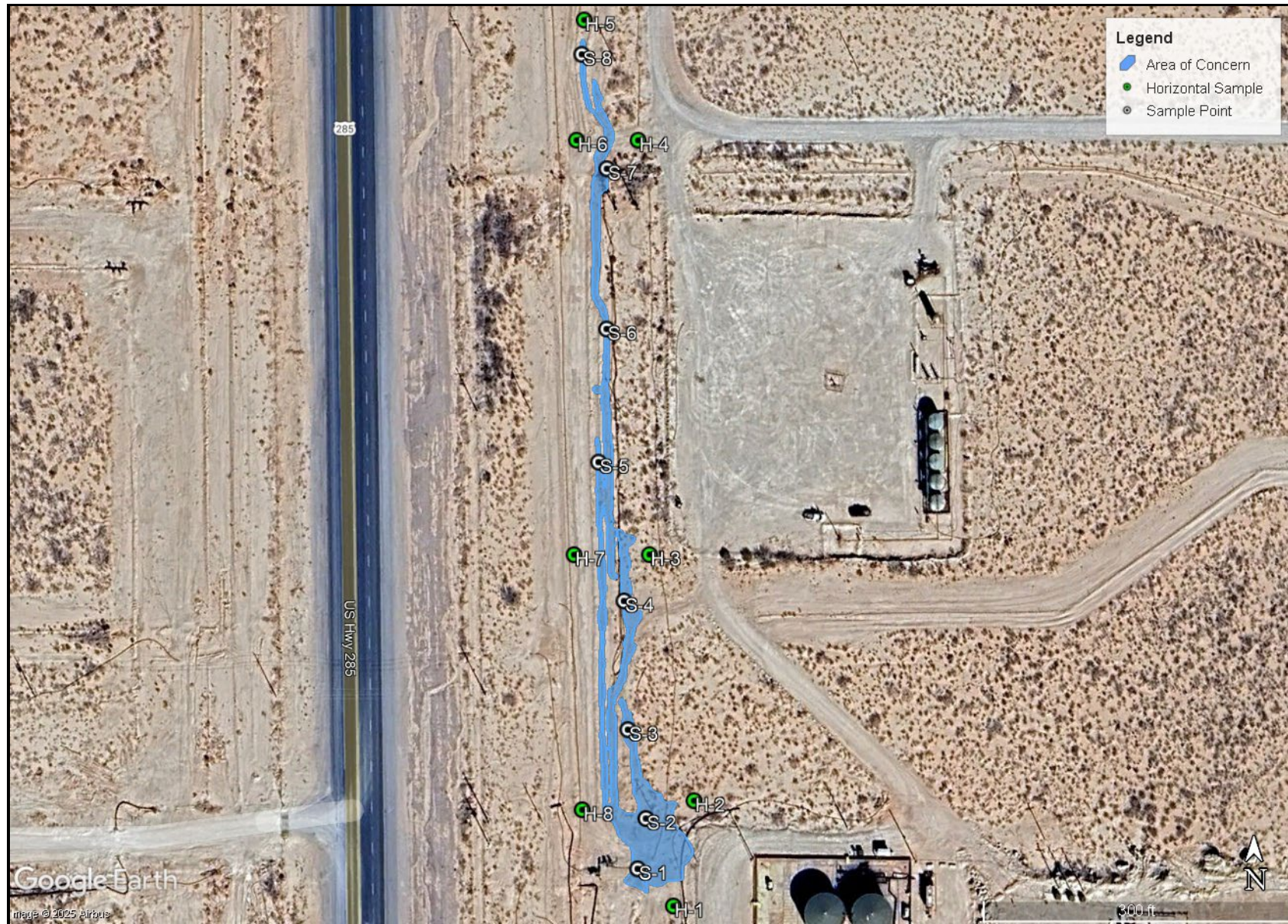


TOPOGRAPHIC MAP
CIMAREX ENERGY CO OF COLORADO
RIVERBEND 14-2 ROW
EDDY COUNTY, NEW MEXICO
32.12236°, -104.07252°

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FIGURE 2

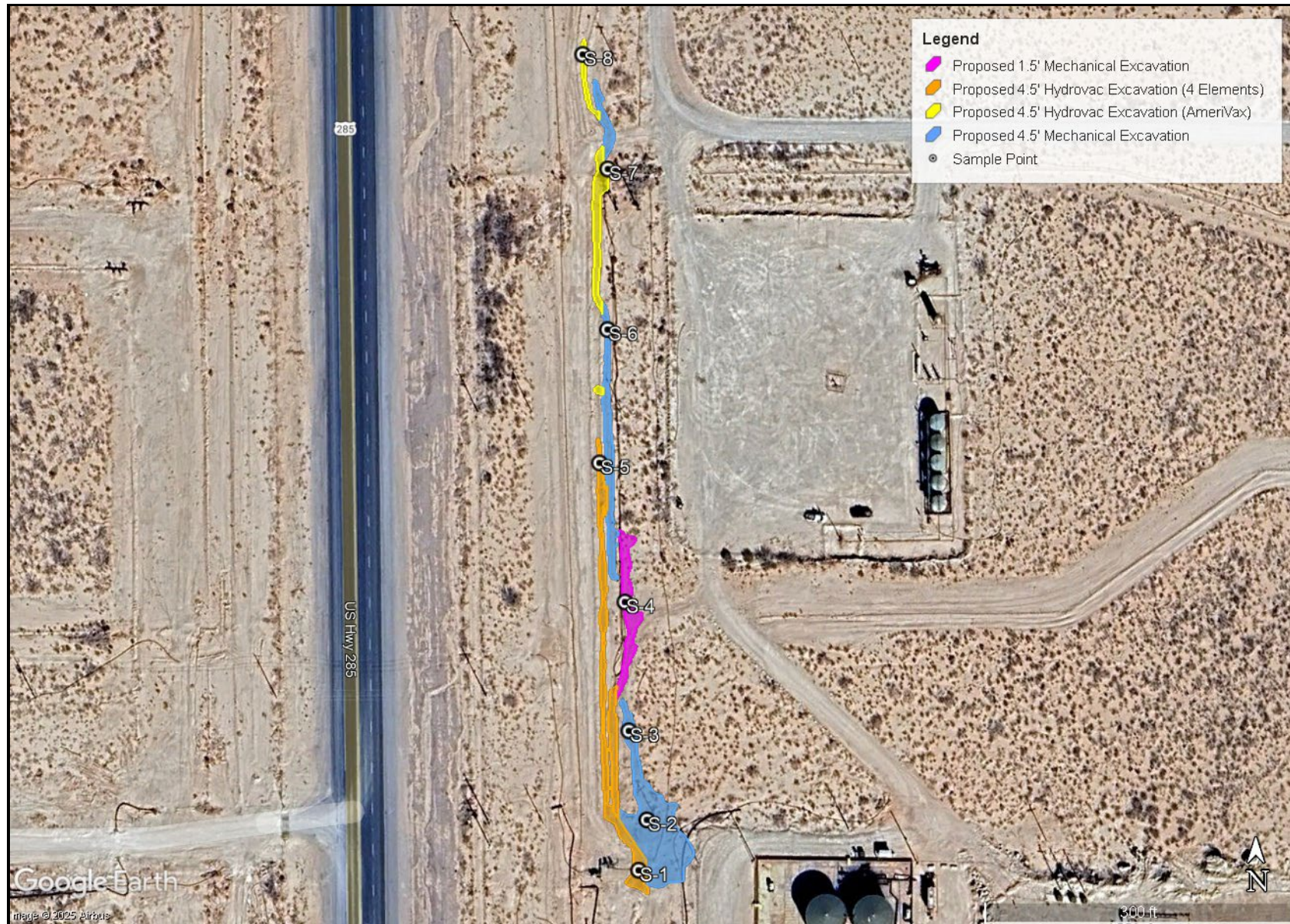


SAMPLE LOCATION MAP
CIMAREX ENERGY CO OF COLORADO
RIVERBEND 14-2 ROW
EDDY COUNTY, NEW MEXICO
32.12236°, -104.07252°

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FIGURE 3

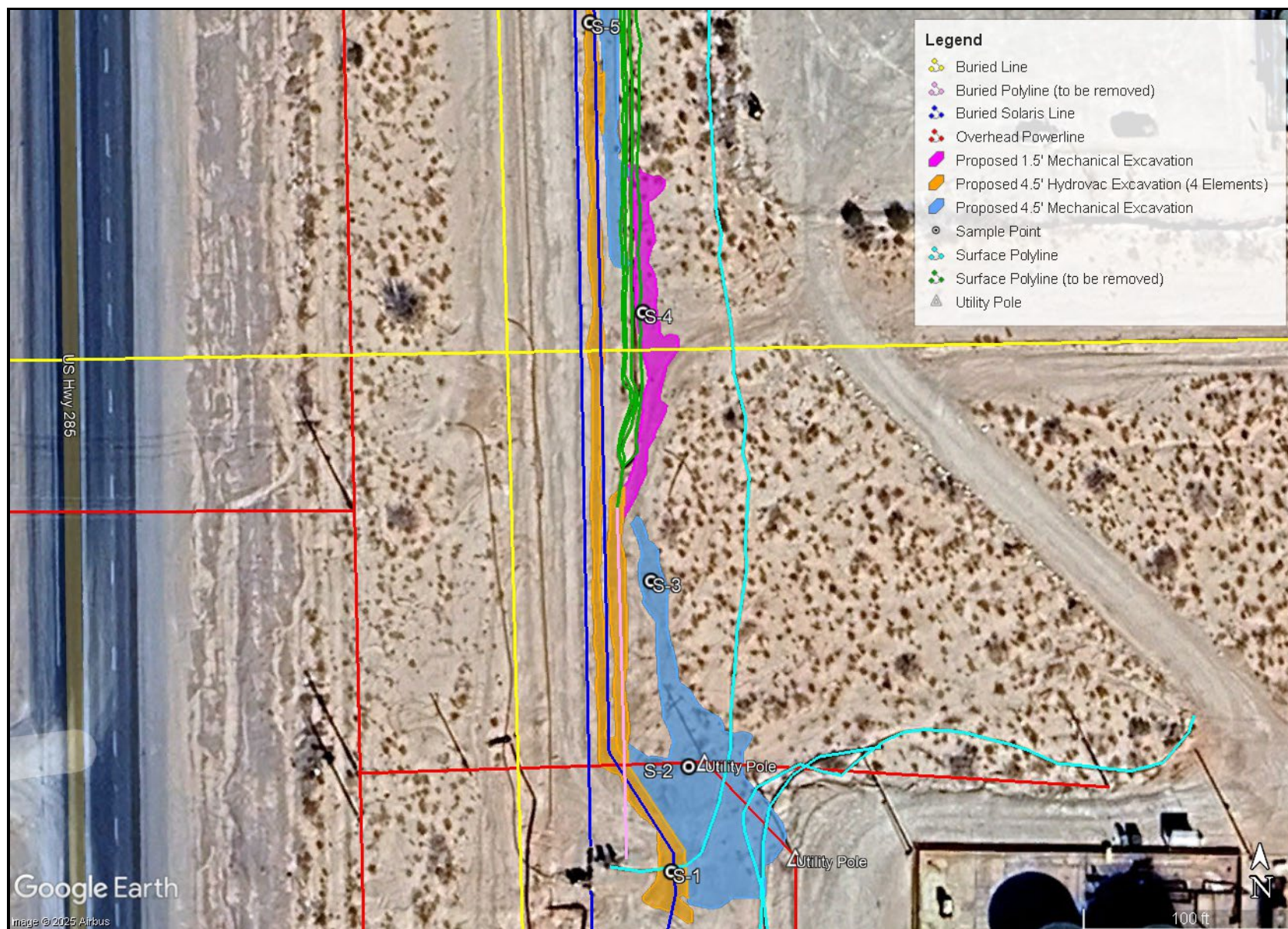


PROPOSED EXCAVATION DEPTH MAP
 CIMAREX ENERGY CO OF COLORADO
 RIVERBEND 14-2 ROW
 EDDY COUNTY, NEW MEXICO
 32.12236°, -104.07252°

CARMONA RESOURCES



FIGURE 4A

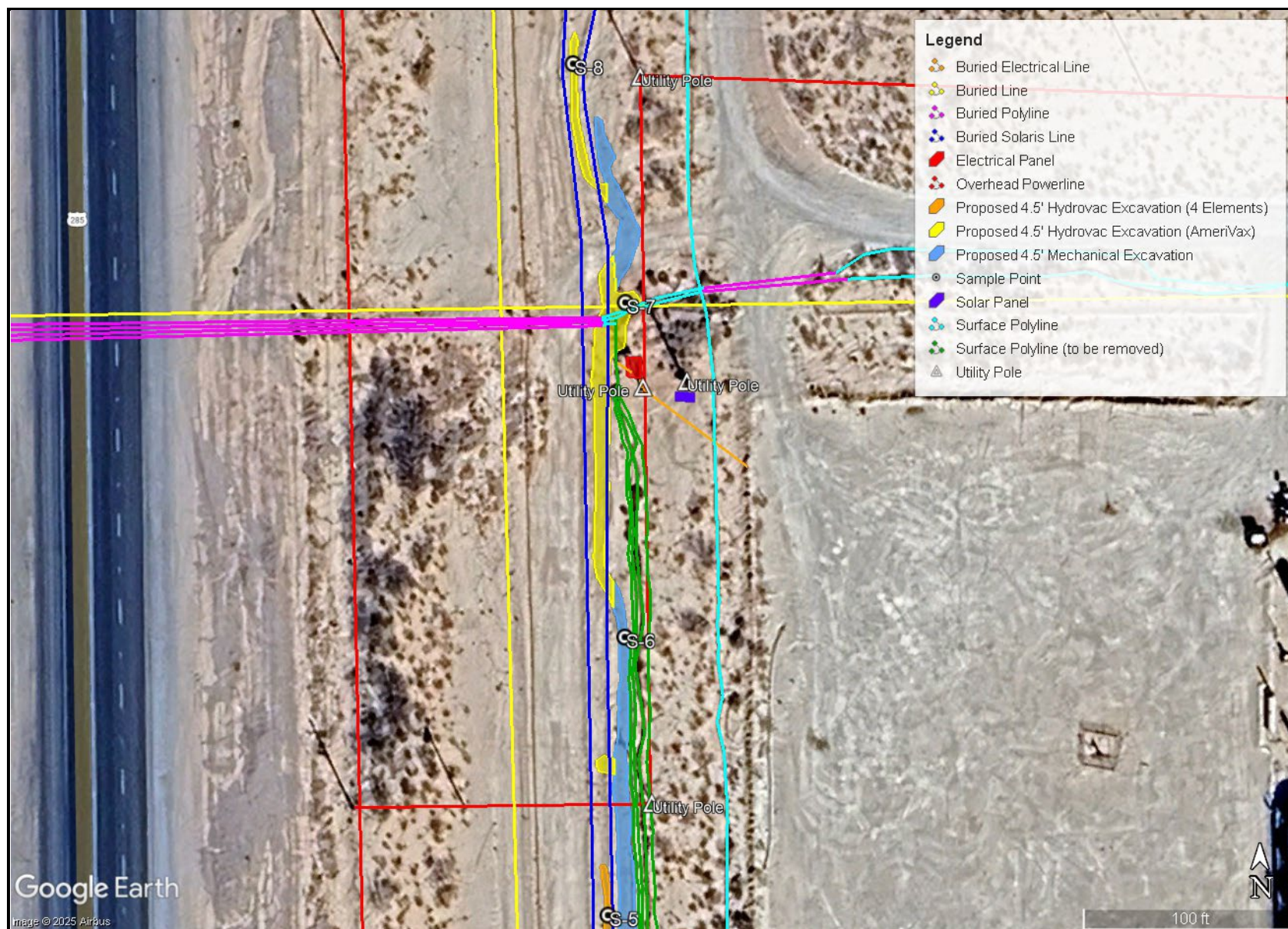


PROPOSED EXCAVATION DEPTH MAP
 CIMAREX ENERGY CO OF COLORADO
 RIVERBEND 14-2 ROW
 EDDY COUNTY, NEW MEXICO
 32.12236°, -104.07252°

CARMONA RESOURCES



FIGURE 4B



PROPOSED EXCAVATION DEPTH MAP
 CIMAREX ENERGY CO OF COLORADO
 RIVERBEND 14-2 ROW
 EDDY COUNTY, NEW MEXICO
 32.12236°, -104.07252°

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FIGURE 4C

APPENDIX A

CARMONA RESOURCES



Table 1
Cimarex Energy Co. of Colorado
Riverbend 14-2 Row (09.21.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	10/9/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,640
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,100
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,200
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	733
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,310
	"	5.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,490
	"	6.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	664
S-2	10/9/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,310
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	1,290
	"	2.0'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	405
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,010
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	217
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,370
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,280
S-3	10/9/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,080
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,550
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,080
	"	3.0'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,100
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,170
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,090
S-4	10/9/2025	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,320
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	447
	"	2.0'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	138
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	324
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	578
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

Exceeds

Table 1
Cimarex Energy Co. of Colorado
Riverbend 14-2 Row (09.21.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-5	10/9/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,480
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,800
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,980
	"	3.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,990
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,420
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,460
S-6	10/9/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,850
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,330
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,810
	"	3.0'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,860
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	764
	"	5.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	344
S-7	10/9/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,190
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,790
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,060
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6,640
	"	4.0'	<49.9	<49.9	<49.9	<49.9	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	7,730
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,780
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	7,550
	"	7.0'	<49.10	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,460
S-8	10/9/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,260
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,340
	"	2.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,820
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	1,260
	"	4.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,210
	"	5.0'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	2,870
	"	6.0'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,370
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbons

ft - feet

(S) - Sample Point

 Exceeds

Table 1
Cimarex Energy Co. of Colorado
Riverbend 14-2 Row (09.21.2025)
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenz ene	Xylene (mg/kg)	Total BTEX	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	10/9/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	121
H-2	10/9/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	102
H-3	10/9/2025	0-0.5'	<50.0	<50.0	83.7	83.7	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	102
H-4	10/9/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	88.8
H-5	10/9/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	130
H-6	10/9/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	182
H-7	10/9/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	78.8
H-8	10/9/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	107
Regulatory Criteria^A						100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH - Total Petroleum Hydrocarbon

ft - feet

(H) Horizontal Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

Photograph No. 1

Facility: Riverbend 14 - 2 ROW (09.21.2025)

County: Eddy County, New Mexico

Description:

View Northwest, aerial imagery of area of concern. Red outline is area of concern.



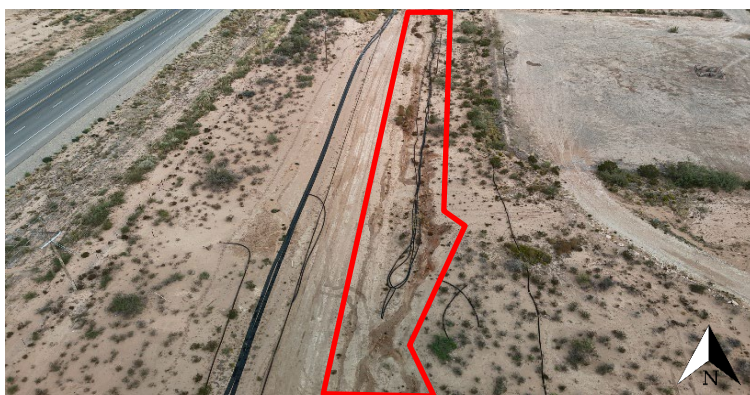
Photograph No. 2

Facility: Riverbend 14 - 2 ROW (09.21.2025)

County: Eddy County, New Mexico

Description:

View North, aerial imagery of area of concern. Red outline is area of concern.



Photograph No. 3

Facility: Riverbend 14 - 2 ROW (09.21.2025)

County: Eddy County, New Mexico

Description:

View North, aerial imagery of area of concern. Red outline is area of concern.



PHOTOGRAPHIC LOG

Cimarex Energy Co. of Colorado

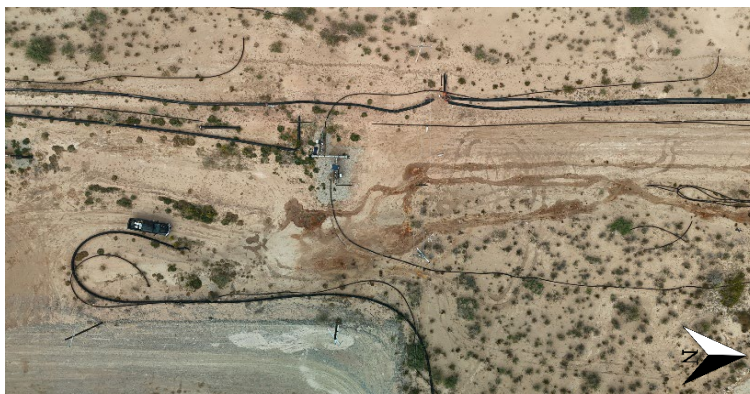
Photograph No. 4

Facility: Riverbend 14 - 2 ROW (09.21.2025)

County: Eddy County, New Mexico

Description:

View overhead of area of concern, area S-1 through S-3.



Photograph No. 5

Facility: Riverbend 14 - 2 ROW (09.21.2025)

County: Eddy County, New Mexico

Description:

View overhead of area of concern, area S-3 through S-6.



Photograph No. 6

Facility: Riverbend 14 - 2 ROW (09.21.2025)

County: Eddy County, New Mexico

Description:

View overhead of area of concern, area S-6 through S-8.



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 509488

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 509488
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	RIVERBEND 14 - 2 ROW
Date Release Discovered	09/21/2025
Surface Owner	Federal

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

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	Not answered.
Produced Water Released (bbls) Details	Cause: Blow Out Flow Line - Injection Produced Water Released: 106 BBL Recovered: 0 BBL Lost: 106 BBL.
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)	A poly line ruptured, 4" poly that crossed a dirt crossover ruptured spilling an estimated 106 bbl produce water, no water recovered

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 509488

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 509488
	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)	No, according to supplied volumes this does not appear to be 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: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

ACKNOWLEDGMENTS

Action 509488

ACKNOWLEDGMENTS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 509488
	Action Type: [NOTIFY] Notification Of Release (NOR)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit notification of a release on behalf of my operator.
☒	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.
☒	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.
☒	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.
☒	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.
☒	I acknowledge the fact that, in addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

CONDITIONS

Action 509488

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 509488
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
nrose	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	9/25/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

CIMAREX ENERGY CO. OF COLORADO

Legend

- 0.06 Miles
- 0.50 Mile Radius
- Groundwater Determination Bore
- Riverbend 14-2 Row (09.21.2025)



Riverbend 14-2 Row (09.21.2025)

105' GWDB - Drilled 2022





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)

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
C 04660 POD1		CUB	ED	NE	NW	NE	22	25S	28E	587518.6	3554290.4		89	105		
C 01522		C	ED			NW	22	25S	28E	586843.0	3554004.0 *		745	150		
C 01453		C	ED		NW	NE	26	25S	28E	589096.0	3552612.0 *		2384	70	40	30
C 01573 POD1		C	ED	SW	NW	SE	20	25S	28E	584143.9	3553361.5		3496	176	96	80
C 02668		C	ED	NE	NW	NE	09	25S	28E	585890.0	3557525.0 *		3533	150		
C 01278		C	ED		SE	SW	28	25S	28E	585470.0	3551338.0 *		3647	205	90	115
C 03836 POD1		C	ED	NE	NE	SE	29	25S	28E	584682.5	3551934.1		3720	300	30	270
C 01411 POD2		C	ED	SE	NE	SE	04	25S	28E	586373.8	3558036.3		3827	90	50	40
C 04680 POD1		C	ED	SW	NW	SW	03	25S	28E	586440.1	3558089.5		3860	105	52	53

Average Depth to Water: 59 feet

Minimum Depth: 30 feet

Maximum Depth: 96 feet

Record Count: 9

UTM Filters (in meters):

Easting: 587490.00

Northing: 3554375.00

Radius: 4000

* UTM location was derived from PLSS - see Help

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



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1		WELL TAG ID NO.		OSE FILE NO(S) C-04660			
	WELL OWNER NAME(S) Solaris Water				PHONE (OPTIONAL) 469-978-5620			
	WELL OWNER MAILING ADDRESS 3305 Boyd Drive				CITY STATE ZIP Carlsbad NM 88220			
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 07	SECONDS 17.745 N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
		LONGITUDE 104	04	20.0235 W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW/4 NE/4 Section 22 T25S R28E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1833		NAME OF LICENSED DRILLER Jason Maley			NAME OF WELL DRILLING COMPANY Vision Resources		
	DRILLING STARTED 6/15/22		DRILLING ENDED 6/15/22		DEPTH OF COMPLETED WELL (FT) 105		BORE HOLE DEPTH (FT) 105	
					DEPTH WATER FIRST ENCOUNTERED (FT) Dry			
	COMPLETED WELL IS: ☐ ARTESIAN *add ☒ DRY HOLE ☐ SHALLOW (UNCONFINED) Centralizer info below					STATIC WATER LEVEL IN COMPLETED WELL (FT) Dry		
	DATE STATIC MEASURED 6/20/22							
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:							
	CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
0	105	6"	Open Hole	N/A	N/A	N/A	N/A	
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				None Plugged				

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-04660	POD NO. 1	TRN NO. 730835
LOCATION 25S. 28E. 22. 212	WELL TAG ID NO.	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	20	20	Silty sand with gravel light brown	Y ✓ N	
	20	30	10	Small gravel with clay light brown	Y ✓ N	
	30	50	20	Silty Sand light brown	Y ✓ N	
	50	70	20	Clay with sand light brown	Y ✓ N	
	70	80	10	Fine sand with silty sand and trace clay light brown	Y ✓ N	
	80	90	10	very fine sand with silty sand and trace gravel brown	Y ✓ N	
	90	100	10	sand with clay light brown	Y ✓ N	
	100	105	5	clay with silty sand light brown	Y ✓ N	
				Note: borehole left open 72-hours, then checked and no water detected.	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: ☐ PUMP ☒ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:					TOTAL ESTIMATED WELL YIELD (gpm): Dry	

5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
		MISCELLANEOUS INFORMATION: Note borehole plugged and abandoned after 72 hours
	USE DTI JUN 5 2023 PM 1:37	
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Jason Fine	

6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:	
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME	5/25/23 DATE

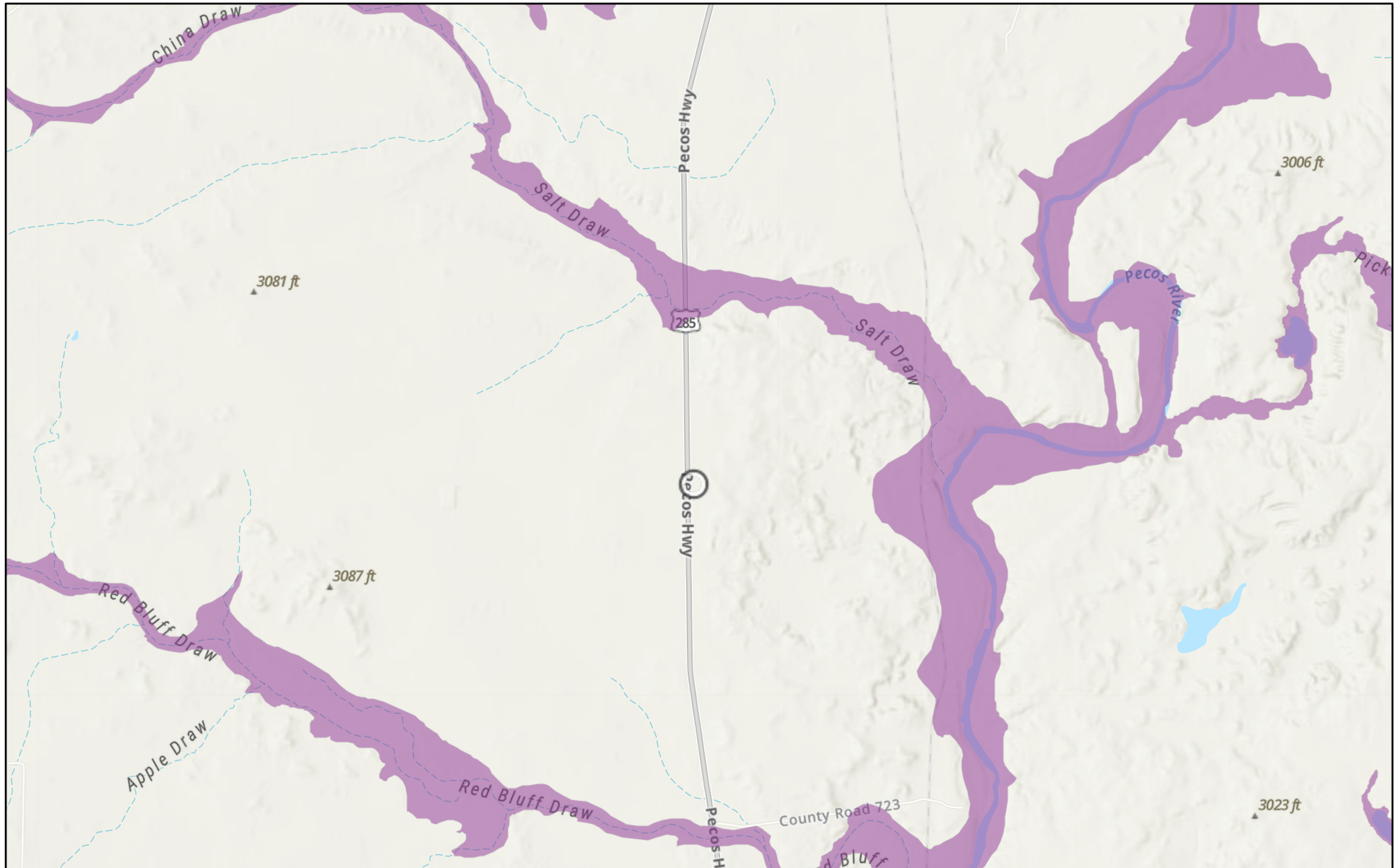
FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. C-04660	POD NO. 1	TRN NO. 730835
LOCATION 25S.28E.22.212		WELL TAG ID NO.

PAGE 2 OF 2

Riverbend 14-2 Row (09.21.2025)

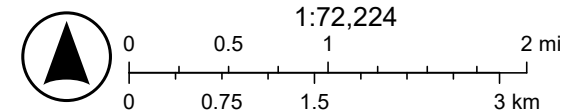


10/6/2025

USA Flood Hazard Areas

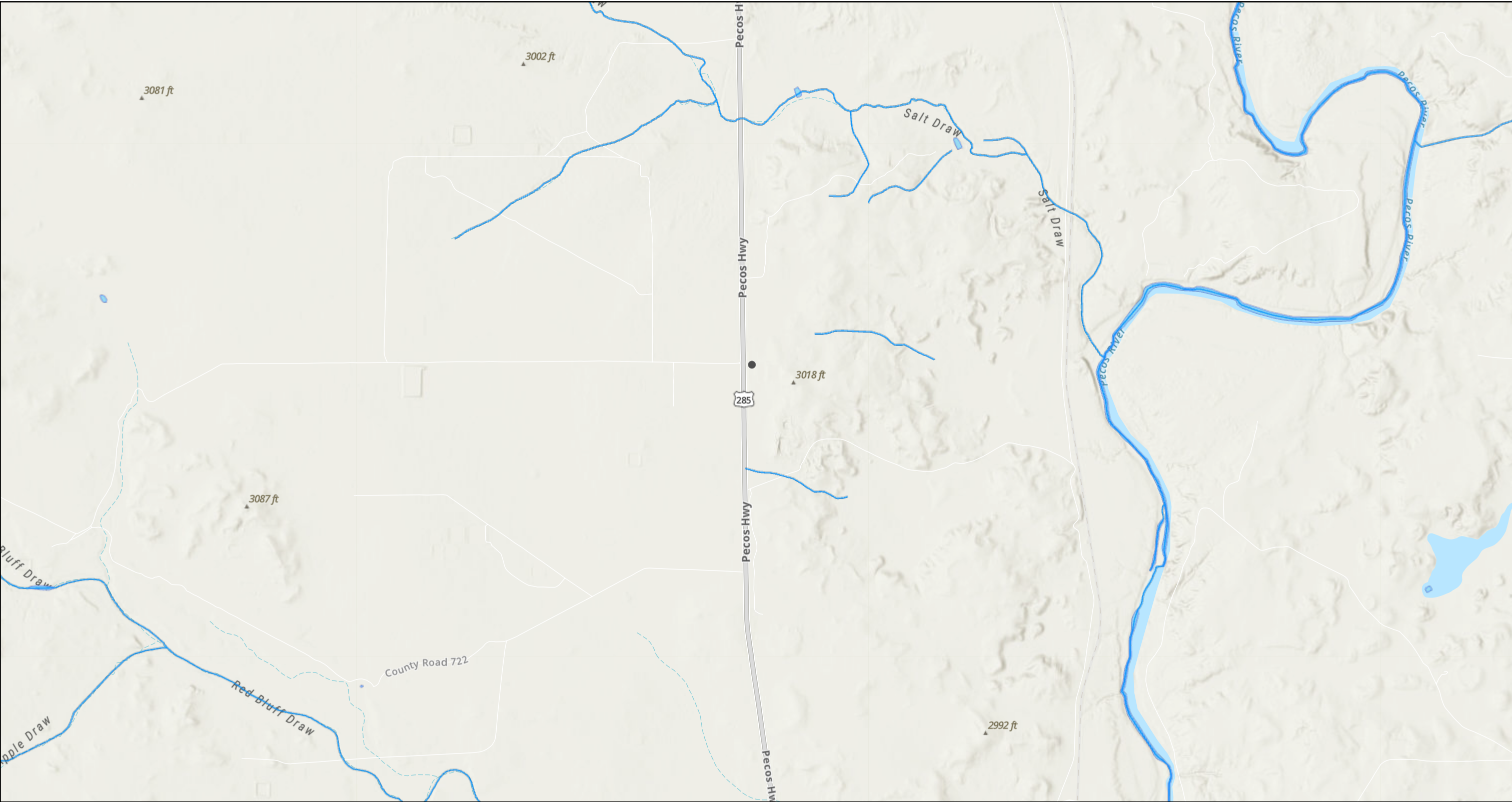
World_Hillshade

1% Annual Chance Flood Hazard



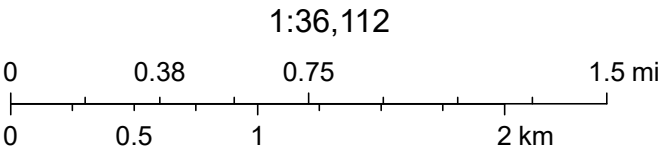
Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User

Riverbend 14-2 Row (09.21.2025)



10/6/2025, 2:37:32 PM

- OSW Water Bodys
- OSE Streams



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

Medium Karst

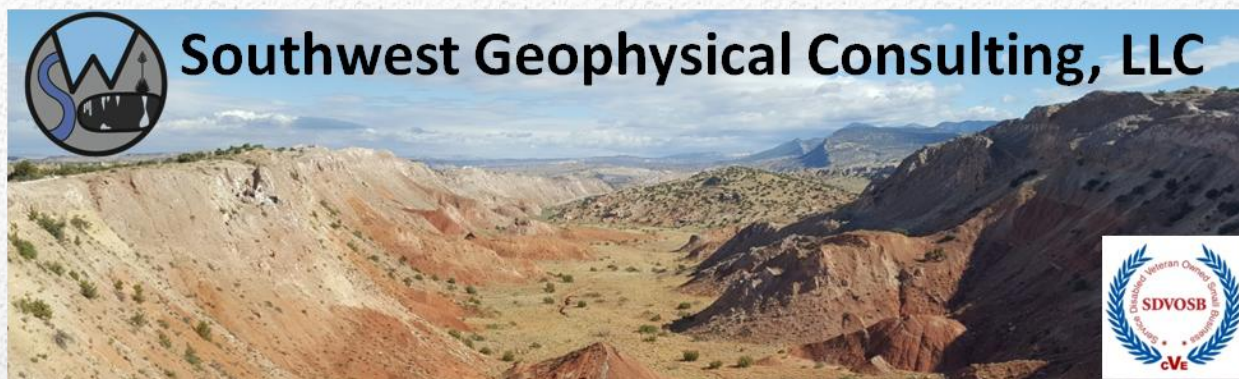
CIMAREX ENERGY CO. OF COLORADO

Legend

- Medium
- Riverbend 14-2 Row (09.21.2025)

Riverbend 14-2 Row (09.21.2025)





Environmental Karst Study Report Riverbend 14-2 Eddy County, New Mexico

**Prepared For:
Carmona Resources
310 W Wall Street, Suite 500
Midland, TX 79701**

Within 200 feet of the spill delineation boundary:

- ☒ Negative ☐ Positive for surface karst
- ☒ Stable ☐ Unstable Ground
- ☐ Karst Monitor Recommended

October 27, 2025

CARM-002-20251006

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MMXXV

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1.0 INTRODUCTION

This report was commissioned by Carmona Resources (hereinafter referred to as "the client"), on October 6, 2025, for the purpose of conducting an environmental karst study within an area encompassing the Riverbend 14-2 site (hereinafter termed "RB14") centered at N 32.123247° W 104.072564°.

1.1 Goals of this Study

The goals of this study are to conduct a surface karst inventory and provide the client with the location and description of any surface karst features located within 200 feet (61 meters) of the spill delineation boundary (as defined by 19.15.29.12 NMAC^[1]), and to determine whether stable ground exists (as defined by 19.15.2 NMAC Definitions^[2]) within 200 feet of the spill boundary of the Mewbourne Sharps Flow Line Release as provided by the client via e-mail (**nAPP2526854980 - RIVERBEND 14 - 2 ROW - Survey Area.kmz**) on October 6, 2025, using electrical resistivity imaging^[3].

1.2 Summary of Findings

- **No surface karst features exist within the 200-foot (61-meter) perimeter of the spill delineation boundary.**
- **No anomalies consistent with subsurface air-filled voids were found within the RB14 resistivity survey area, indicating the area is not subject to collapse.**
- **Well-layered stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted.**

1.3 Affected Environment

The RB14 project is located in evaporite karst terrain, a landform that is characterized by underground drainage through solutionally enlarged conduits. Evaporite karst terrain may contain sinkholes, sinking streams, caves, and springs. Sinkholes leading to underground drainages and voids are common. These karst features, as well as occasional fissures and discontinuities in the bedrock, provide the primary sources for rapid recharge of the groundwater aquifers of the region. Karst may develop by hypogene processes involving dissolution by upwelling fluids from depth independent of recharge from the overlying or immediately adjacent surface. Hypogene karst systems may not be connected to the surface and can remain undiscovered unless encountered during drilling or excavation.

Karst features are delicate resources that are often of geological, hydrological, biological, and archeological importance, and should be protected. The four primary concerns that need to be considered in these types of terrain are environmental issues, worker safety, equipment damage, and infrastructure integrity.

The Bureau of Land Management (BLM) categorizes all areas within the Carlsbad Field Office (CFO) zone of responsibility as having either low, medium, high, or critical cave potential based on geology, occurrence of known caves, density of karst features, and potential impacts to freshwater aquifers^[4]. These designations are also recognized by the New Mexico State Land Office (NMSLO). This project occurs within a **MEDIUM** karst occurrence zone (MKOZ)^[5] (**Figure 1**).

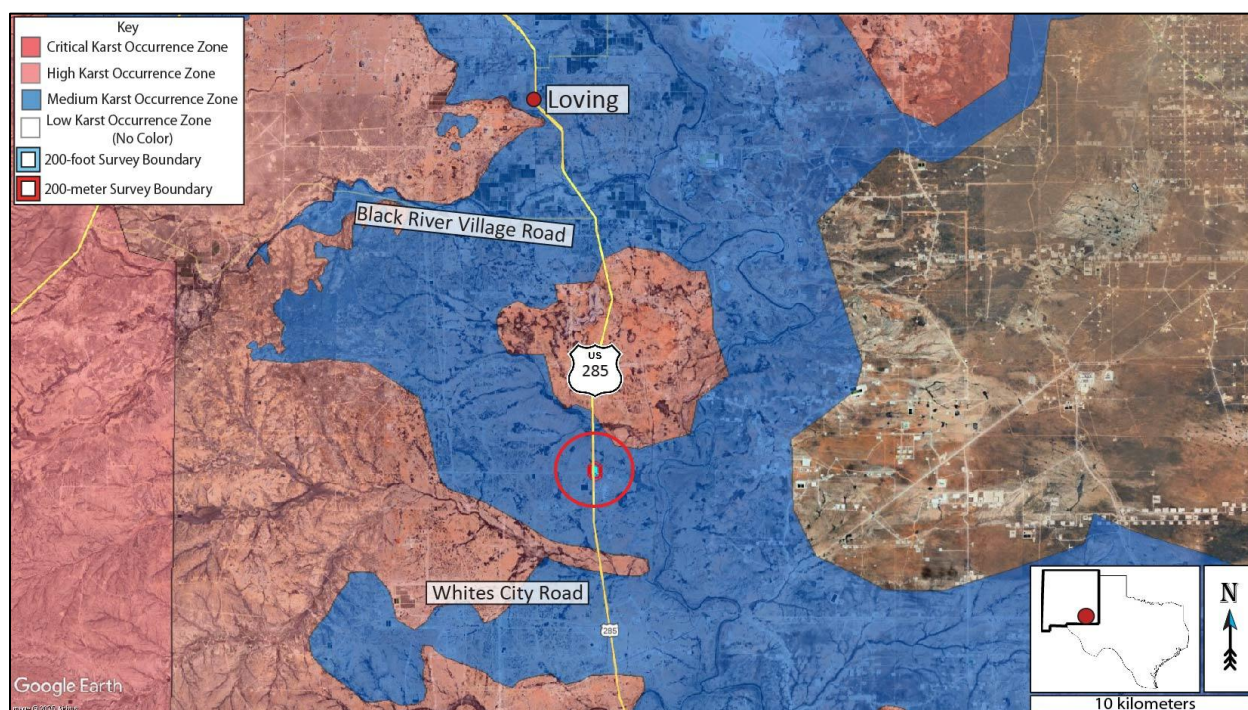


Figure 1: Karst occurrence zone overview. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

A medium karst occurrence zone is defined as an area in known soluble rock types that may have a shallow insoluble overburden. These areas may contain isolated karst features such as caves and sinkholes. Groundwater recharge may not be wholly dependent on karst features, but the karst features still provide the most rapid aquifer recharge in response to surface runoff^[4].

Due to the rapidity with which evaporite karst develops, each location within a BLM-CFO designated karst occurrence zone must be assessed on an individual basis to determine the existence of surface karst features and the possibility of sub-surface karst development each time a release occurs.

1.4 Limitations of Report

This report should be read in full. No responsibility is accepted for the use of any part of this report in any other context or for any other purpose or by third parties. This report does not purport to give legal advice. Legal advice can only be given by qualified legal practitioners.

This report has been prepared for the use of Carmona Resources, in accordance with generally accepted consulting practices. Every effort has been made to ensure the information in this report is accurate as of the time of its writing. This report has not been prepared for use by parties other than the client, their contracting party, and their respective consulting advisors. It may not contain sufficient information for the purposes of other parties or for other uses.

This report was prepared upon completion of the associated fieldwork using a standard template prepared by Southwest Geophysical Consulting and is based on information collected prior to fieldwork, conditions encountered on-site, and data collected during the fieldwork and reviewed at the time of preparation. Southwest Geophysical Consulting disclaims responsibility for any changes that might have occurred at the site after this time. The interpreted results, locations, and depths noted in this report (if applicable) should be taken as an interpretation only and no decision should be based solely on this information. Physical verification of aerial imagery analysis results in the field should be conducted prior to using this information for remediation planning. Physical verification of geophysical results using geotechnical methods should be conducted.

To the best of our knowledge, the information contained in this report is accurate at the date of issue. Due to the nature of karst terrain, the information in this report shall not be used beyond two years past the date of the field work provided in section **2.3 Description of Survey**. Large weather events can shorten this time period as areas subject to karst development can rapidly form new features subsequent to these events.

2.0 LOCATION AND DESCRIPTION OF STUDY AREA

2.1 Description of Site

The site is located 18.2 kilometers (16.0 miles) south-southeast of Loving, New Mexico, along the east side of U.S. Highway 285, south of Black River Village Road and north of Whites City Road. The release site is located within the SE $\frac{1}{4}$ section of Section 15 and the NE $\frac{1}{4}$ section of Section 22, NM T25S R28E^[6] (**Figure 1** and **Figure 2**). The region has relatively flat-lying terrain with karstification occurring in the gypsite soils and underlying gypsum and dolomite bedrock^[7] (see section **2.2 Local Geology Summary** for further information). The climate in this area of southeast New Mexico is semi-arid with an average annual precipitation of approximately 13 inches, of which about two-thirds falls as rain during summer thunderstorms from June to October. Summers are hot and sunny while winters are generally mild, with an average maximum temperature of 96°F in July and an average minimum temperature of 28°F in January^[8]. This area is within the Chihuahuan Desert Thornscrub as defined by the Southwestern Regional ReGAP Vegetation map^[9] and the vegetation consists mostly of areas of blue grama, nine-awned pappus grass, burro grass and low scrub including yucca. The survey boundary is located within an MKOZ^[5] (**Figure 1**) and within BLM-CFO managed land^[10] (**Figure 2**).

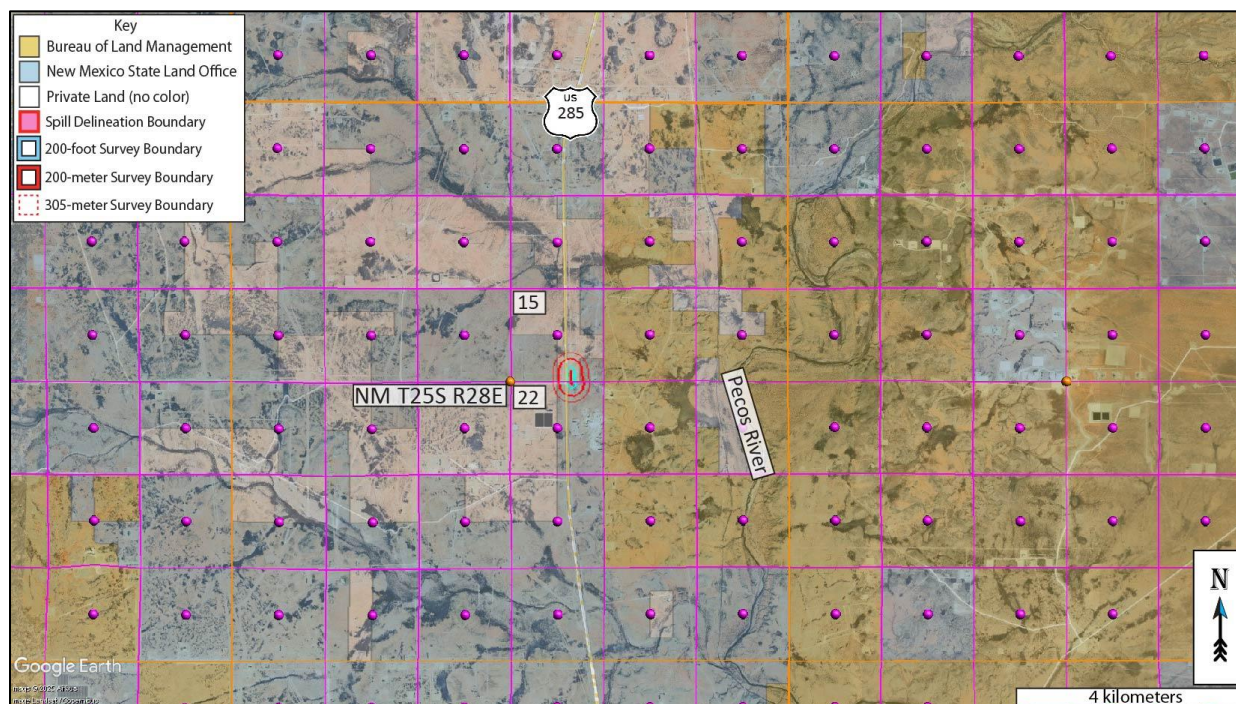


Figure 2: Land ownership and PLSS overview. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

2.2 Local Geology Summary

The site for the RB14 survey is located at an elevation of 909 meters (2,982 feet), $\pm$ 2 meters (6.6 feet), and is located within a region underlain by the Permian Rustler Formation (Pru). The area is mantled by thin gypsiferous soils (gypsite) and Quaternary alluvium (Qa)^[11] up to 5 meters in depth (**Figure 3**).

The Rustler Formation is an evaporite facies and is composed mainly of thin siltstones and sandstones interbedded with claystones, dolomite and gypsum^[12], and contains both karst-forming strata (the Forty-niner and Tamarisk members) and two shallow aquifers (the Magenta and Culebra Dolomite members). The Forty-niner and Tamarisk members are known to have highly developed karst features including large voids and solution-enlarged fractures^[13].



Figure 3: Geology overview. Geology map credit: The Digital Geologic Map of New Mexico in ARC/INFO Format. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

The Pru overlies the Permian Salado Formation (Psl), a layer of extremely soluble halite which can readily dissolve to create caves, sinkholes, and other karst features; however, due to its extremely soluble nature, only non-soluble silt and sand remain from the dissolution of this layer at the surface^[12]. The Rustler Formation may be subject to collapse if a void has developed beneath it in the Salado Formation^[14].

The survey area is covered by the easily accessible Geologic Map of New Mexico (2003) at 1:500,000 scale^[15] and the Digital Geologic Map of New Mexico in ARC/INFO Format^[11].

2.3 Description of Survey

2.3.1 Surface Karst Survey

Southwest Geophysical Consulting, in partnership with SWCA Environmental Consultants, provides surface karst surveys using small, uncrewed aerial systems (sUAS) that are flown by qualified, FAA licensed drone pilots and that meet the stringent Bureau of Land Management – Carlsbad Field Office requirements for both pedestrian and aerial karst surveys.

The surface karst survey includes a desk study prior to the flight which allows us to provide client feedback in the event of any previously known karst features in the area. The desk study is performed out to 305 meters (1,000 feet) from the spill delineation boundary per New Mexico Oil Conservation Division guidance^[1] (**Figure 4**). The study was performed using satellite and aerial imagery from Google Earth Pro dated July 13, 2024 (please note features less than one meter in diameter are generally not visible using this method); the Southwest Geophysical Cave and Karst Database dated September 18, 2025^[16]; the Red Bluff, NM-TX, 1:24,000 quad, 1985, USGS topographic map; and the latest lidar imagery from CalTopo.com. Please note that we use older topographic maps because newer maps have had caves removed from them. These searches and queries returned two results within the survey boundary. These features can be recognized in the table by the Feature IDs with dates earlier than those of this survey.

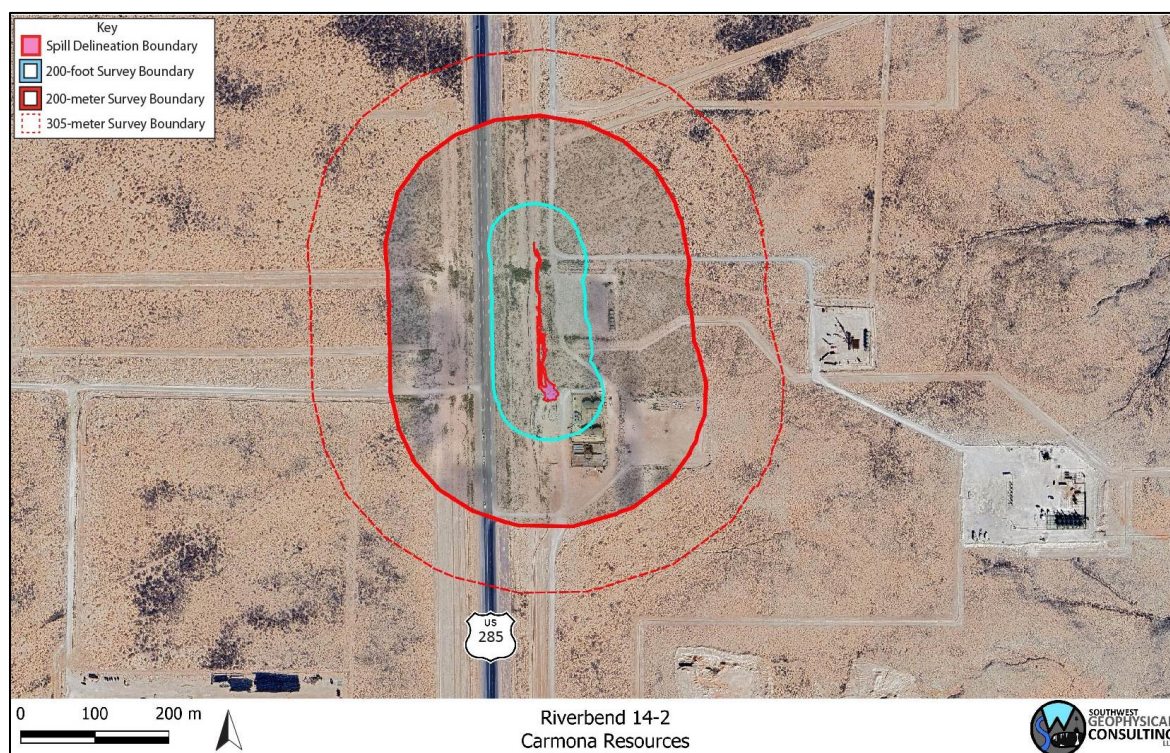


Figure 4: Surface karst survey overview. Background image credit: Google Earth. Image date: July 13, 2024. Datum: WGS-84.

Surface karst surveys are conducted by sUAS at low elevation within 200 meters of the spill delineation boundary^[4] (**Figure 4**) following a preplanned raster pattern flightpath designed for the purpose of generating at least 75% imagery overlap. The collected high-resolution, georeferenced imagery is stitched together to develop orthomosaic imagery which is further developed into a digital elevation model (DEM); the DEM is then processed into a local relief model (LRM) (**Figure 6**). This LRM is color coded to enhance differences in elevation of as little as five centimeters. The orthoimagery, DEM, and LRM are uploaded to a server where they are analyzed by an experienced karst geologist. Finally, the data is reviewed by a senior karst geologist for quality assurance and downloaded into a table for inclusion in a written report^[17].

The resolution of the orthoimagery is clear enough that features as small as 10 centimeters can be positively identified in most circumstances. Occasionally there are ambiguous features identified during an aerial survey that will need to be checked in the field if they are impacted by the proposed remediation efforts. Specifically, it is difficult to tell the difference between solution tubes, abandoned uncased well bores, and some burrows in drone imagery. If an ambiguous feature is located during imagery analysis, it is marked with a yellow dot in **Figure 6**. If a feature of any likelihood is subsequently verified in the field prior to publication of the report, the dot will be changed to a red triangle if confirmed as a karst feature or deleted if not.

The imagery for this study was collected via sUAS by Pat Lagodney of SWCA on October 9, 2025. Surface karst features may have developed after this date and will not be noted in this report. Imagery analysis was completed by Britt Bommer of Southwest Geophysical Consulting on October 20, 2025.

2.3.2 Geophysical Survey

For this survey, Advanced Geosciences Inc. (AGI) SuperSting™ Wifi R8 with a multi-electrode switchbox, a 56-electrode array of 40-centimeter-long electrodes, and a tablet controller were used to image the subsurface. This survey consisted of one resistivity line of 56 electrodes at 5-meter spacing in a dipole-dipole configuration resulting in a 275-meter-long array, laid out south to north (**Figure 5, Table 1**). A preconfigured protocol file was used to run the data collection (DiDi56). This electrode configuration provided a depth of investigation of 55 meters (189 feet) and a resolution of 2.5 to 3.0 meters (8.2 to 9.8 feet) within the first 5 to 8 meters (16 to 26 feet) from the surface. A Leica GS18 GPS was used to record electrode locations and elevations.

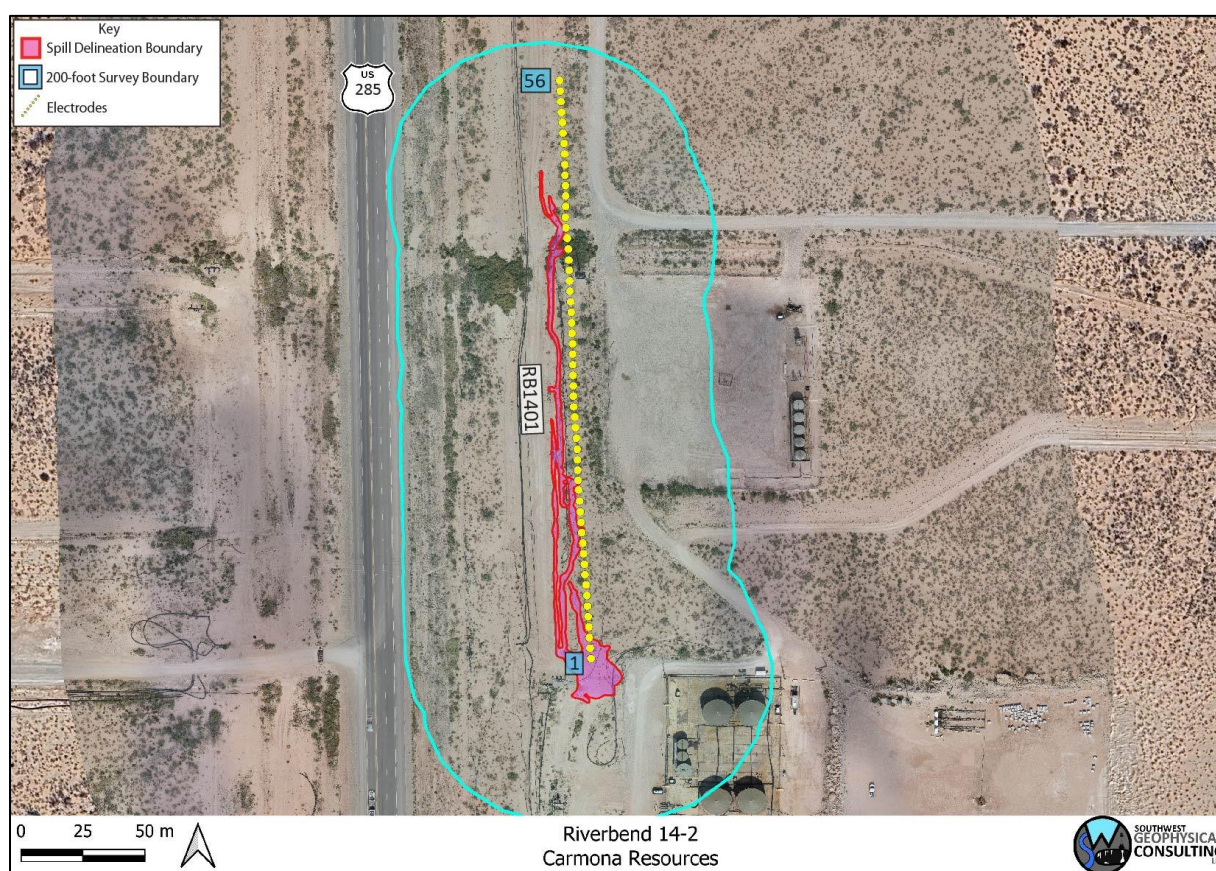


Figure 5: Geophysical survey overview. Both survey lines were conducted with 56 electrodes (yellow dots denoted with blue numbers). Background image credit: Google Earth. Image date: July 13, 2024. Datum: WGS-84.

Table 1 provides basic line data. Detailed information for each line including electrode number, location in latitude/longitude (decimal degree format), and elevation in meters can be found in the accompanying data files.

Table 1: Survey Line Data Table. The .kmz file contains all the points for the survey line listed in the file name. These data are available in the accompanying files RB14_ERI_Points.xlsx and CARM-002-20251006_RB14_Data_Files.kmz.

File Name:	Completed By:	Date:
RB1401.kmz	Steven Kesler – Field Geologist Britt Bommer – Field Geologist Ryan Palmer – Field Geologist Michael Jones – Field Geologist	10/14/2025

EarthImager™ 2D software was used to download and process the data and to provide the model used to make our interpretations. The design of the survey and the orientation of each of the lines provides the information necessary to make the determination of “stable” or “unstable” ground at this site.

A typical starting model was used for the data processing due to the two-layer model of the geology in the area; specifically, generally high-resistivity gypsum and dolomite at the surface and low-resistivity saturated gypsum and dolomite bedrock at depth. The starting model used was “average apparent resistivity” and a default inversion setting of “surface,” with a minimum apparent resistivity set to 0.1 Ohm-meters (Ohm-m or Ω -m) and a max apparent resistivity set to 100,000 Ω -m (**Table 2**).

Table 2: Software Information and Settings

Software Name:	EarthImager™ 2D
Version:	2.4.4.649
Starting Model:	Average Apparent Resistivity
Default Inversion Settings:	Surface
Changes to Default Inversion Settings:	Max Apparent Resistivity = 100 k Ω -m Min Apparent Resistivity = 0.1 Ω -m

Note: Raw data files (.dat files for EarthImager™ 2D) and processed data (.trn files, terrain files for surface correction in EarthImager™ 2D and .out files, the processed .dat files) are available upon request.

All field work, including setup, stow, and travel, was completed by Steven Kesler, Britt Bommer, Ryan Palmer, and Michael Jones on October 14, 2025.

3.0 RESULTS

3.1 Surface Karst Survey

No surface karst features were located within 200 feet of the spill delineation boundary.

The desk study and surface karst survey located no surface karst features within 305 meters (1,000 feet)^[1] of the spill delineation boundary (**Figure 6**, Error! Reference source not found.).

No springs exist within the 305-meter (1,000-foot)^[1] survey boundary.

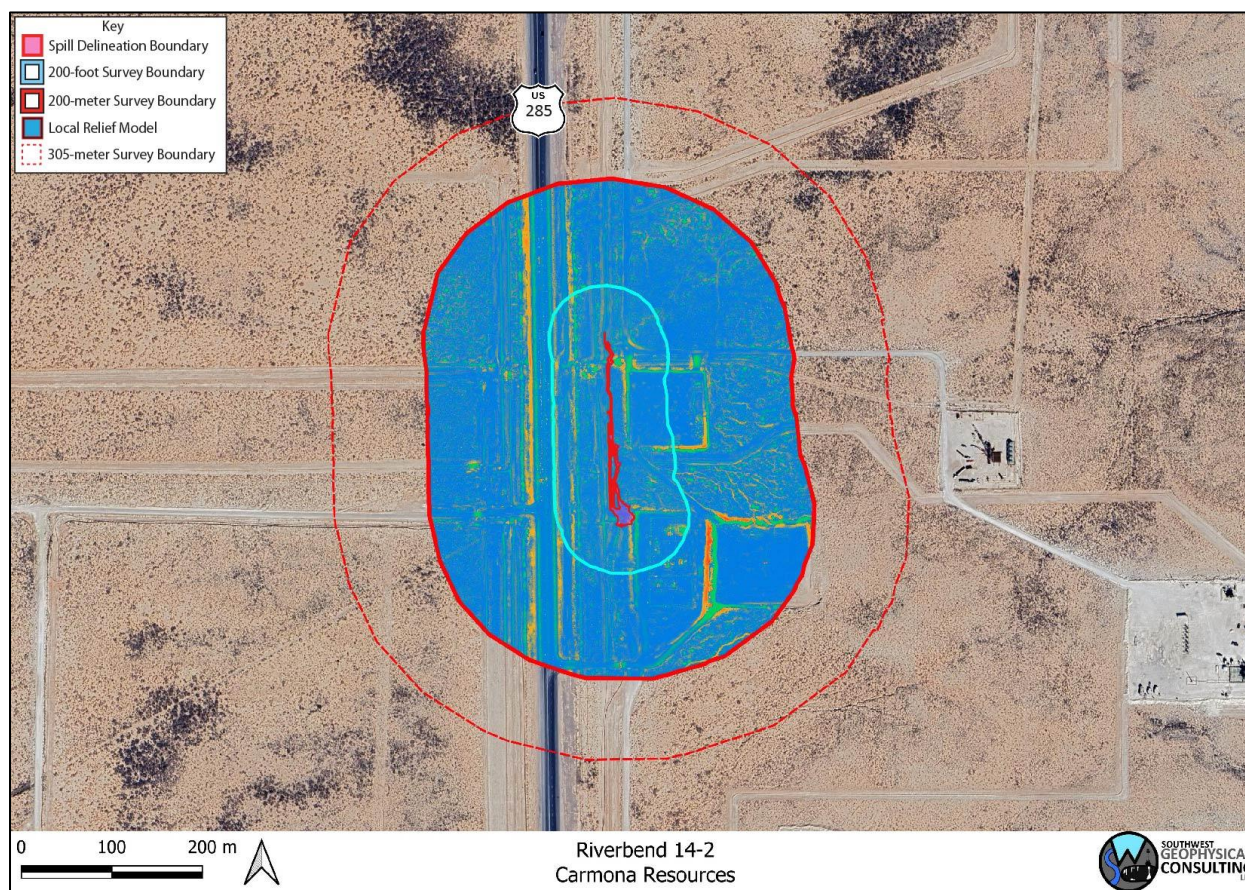


Figure 6: Surface karst survey results. Background image credit: Google Earth. Image date: July 13, 2024. Image datum: WGS-84.

Caution should be exercised while operating in or around all karst-related features due to the possibility of near-surface voids. Employing a BLM-CFO approved karst monitor on site during these activities should be considered.

3.2 Geophysical Survey

Electrical resistivity tomography forms images of the subsurface by causing a current to flow through the rock and soil and then measuring the resistance of these materials as the current flows through them. This measurement is taken many times and the resulting data, once processed, is used to produce a model of the subsurface (**Figure 7**). This model is produced using "non-unique" solutions, which means that there are many models and interpretations which will satisfy the data. Using experience and knowledge of the local geology, a high-confidence model can be established and used to develop an accurate understanding of what lies below the surface. This survey was conducted with the express purpose of locating subsurface voids and does not purport to find paleokarst (old, non-active karst features that have been filled in with sand and sediment) or nascent karst features below the resolution limit of the survey.

The results of this study indicate a moderately well-layered geologic system with resistivities between 1.5 and 1521 Ohm-m (**Figure 7**), suggesting stable ground beneath the geophysical survey area.

Please keep in mind when viewing the 2D inverted resistivity sections that color maps can be widely different for each view. Always check the color map located on the right side of the image when viewing the 2D images to ensure you understand the range of resistivities presented. Distances along the top and depths along the left side are in meters. The color map along the right side is in Ohm-m. Due to the nature of the survey, shallower zones have higher resolution between electrodes than deeper zones; therefore, small features at depth will not be visible.

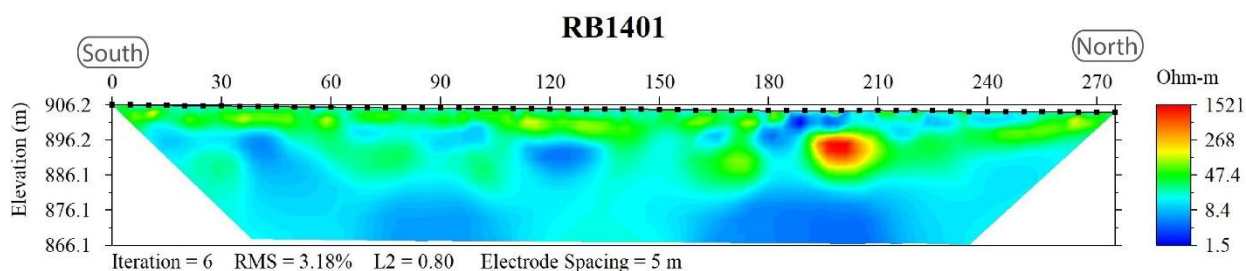


Figure 7: 2D inverted resistivity sections. Reds and oranges indicate higher resistivity values. Yellows and greens are medium-resistivity values. Blues are low-resistivity values. The high-resistivity anomaly is a pipeline which crosses the resistivity line at that position. Please note that the color scale is relative.

4.0 DISCUSSION

No surface karst features exist within the survey area. No subsurface anomalies interpreted as large near-surface voids are located within the geophysical study area, indicating the area is not subject to collapse. Due to the resolution limit of the survey, small voids at or near the resolution limit (2.5 – 3.0 meters) cannot be ruled out. Slightly higher-than-average resistivity areas (reds and oranges) located less than 15 meters beneath the surface are interpreted as sand, caliche, or gypsum of the Permian Rustler Formation. The high-resistivity anomaly shown on **Figure 7** is due to a pipeline which crosses the resistivity line at that position. Due to their much lower resistivity values when compared with significant subsurface voids, these features should not be a concern during remediation efforts^[18] (**Figure 7** and **Figure 8**).

Low-resistivity areas between 15 – 25 Ohm-m may either represent fluid from the brine release, surface-to-subsurface hydrologic pathways, or a layer of either clays and halite lenses or moist or saturated layers within the Dewey Lake or Rustler Formations (**Figure 7**).

Please remember that these are interpretations made from knowledge of the local subsurface materials and experience. **They remain interpretations until verified by geotechnical methods.** Employing a BLM-CFO approved karst monitor on site during any drilling and/or remediation activities should be considered.

Fracture sets within the subsurface can act as hydrologic pathways to the water table. Rapid dissolution of gypsum can occur along these pathways creating solution-enlarged fractures, and in some cases, voids within months to years. For this reason, this survey is valid only for this remediation event.

Within karst terrains like the project site, small air- or sediment-filled voids and/or brecciated zones and solutionally enlarged fractures that are below the resolution limit of the survey (2.5 – 3.0 meters) may exist; these may be encountered during excavation, and if so, should be evaluated by a karst specialist prior to continued work.

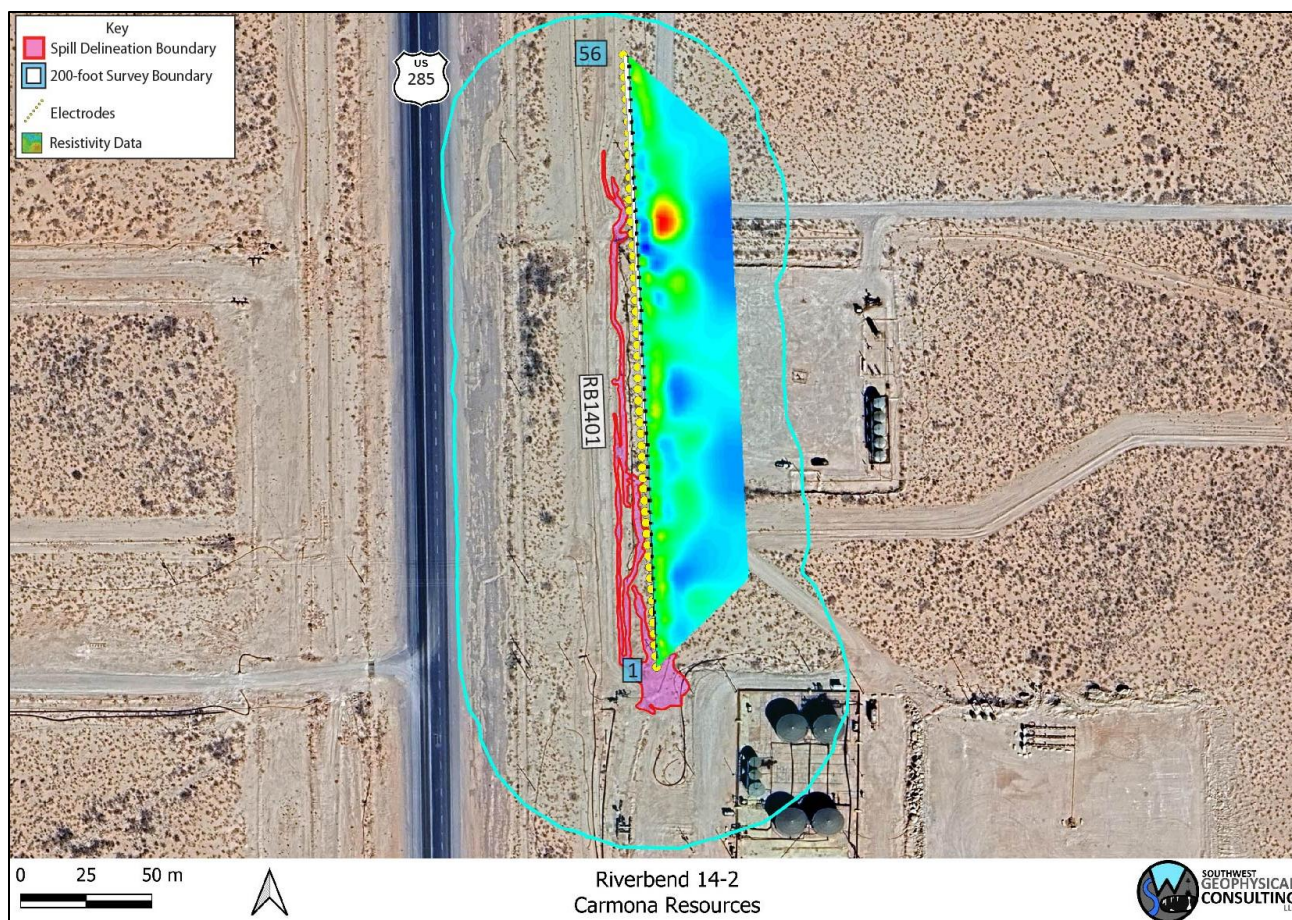


Figure 8: Data overlay. Colored trapezoid is 2D inverted resistivity line. Background image credit: Google Earth. Image date: July 13, 2024. Datum: WGS-84.

5.0 SUMMARY

- **No surface karst features exist within 200 feet (61 meters) of the spill delineation boundary.**
- **No anomalies consistent with subsurface air-filled voids were found within the RB14 resistivity survey area, indicating the area beneath the geophysical survey is not subject to collapse.**
- **Moderately flat-lying stratigraphy is interpreted to exist beneath the area where the geophysical survey was conducted, indicating stable ground.**
- When conducting any remediation activities in this area, employing a BLM-CFO approved karst monitor on site should be considered.

6.0 DISCLOSURE STATEMENT

Karst occurrence zones are prone to rapid karst formation and warrant careful planning and engineering to mitigate karst-forming processes that could be accelerated by removal of surface cover or the vibrations associated with heavy equipment used in the remediation process.

Mitigation measures for any karst features revealed during excavation shall be approved by the Bureau of Land Management – Carlsbad Field Office and follow the Natural Resources Conservation Service Conservation Practice Standard for Karst Sinkhole Treatment, Code 527, or the Bureau of Land Management Cave and Karst Management Handbook, H-8380-1.

Vigilance during remediation activities is paramount. If voids are encountered during excavation, contact the Bureau of Land Management Karst Division at (575) 234-5972, the New Mexico State Land Office Surface Resources Division at (505) 827-5768, or a BLM-CFO approved karst contractor and request an on-site investigation from a karst expert if one is not already on site. A karst consultant can generally be available in Eddy County within five hours.

Approved karst monitors should have karst feature identification training, at least two years of supervised experience identifying karst features, wilderness first aid training, SRT training, confined space training, gas monitor training, and a minimum of SPAR cave rescue training through NCRC. They should have with them the proper gear and be prepared both physically and mentally to enter a collapse feature within minutes to perform a rescue if needed.

Monitoring services with qualified karst monitors, as well as cave surveys and geophysical surveys, are available from Southwest Geophysical Consulting.

Under no circumstances should an untrained, inexperienced person enter a cave, pit, sinkhole, or collapse feature. All field employees of Southwest Geophysical Consulting have extensive caving experience and the ability to determine whether entry into a karst feature is safe or presents a hazard. In the event it is necessary to enter a karst feature, Southwest Geophysical Consulting can provide these services on request.

Cave and karst resource inventory reports, karst feature investigations, and geophysical reports (along with the associated data files) commissioned at the request of the land manager should be submitted to BLM-CFO at blm_nm_karst@blm.gov.

Cave and karst resource inventory reports for the NMSLO should be submitted to the respective project manager.

Environmental karst reports should be submitted to the appropriate project manager at the New Mexico Oil Conservation Division.

7.0 REFERENCES

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8.0 GLOSSARY OF TERMS

AGI	Advanced Geosciences Inc.
BLM-CFO	Bureau of Land Management - Carlsbad Field Office
brecciated	Fractured rock caused by faulting or collapse.
caprock-collapse sinkhole	Collapse of roof-spanning rock into a cave or void.
cave	Natural opening at the surface large enough for a person to enter.
cover-collapse sinkhole	Collapse of roof-spanning soil or clay ground cover into a subsurface void.
ERI	Electrical Resistivity Imaging
GPS	Global Positioning System
grike	A solutionally enlarged, vertical, or sub-vertical joint or fracture.
(H)	High confidence modifier for a PKF. This is typically reserved for a feature that is definitely karst but has not been confirmed in the field.
HKOZ	High Karst Occurrence Zone
karst	A landscape containing solutional features such as caves, sinkholes, swallets, and springs.
(L)	Low confidence modifier for a PKF. This is typically a feature that cannot be ruled out as karst but is most likely NOT karst related. This modifier may also be used for pseudokarst features.
(M)	Medium confidence modifier for PKF. This is an ambiguous feature that can't be positively identified as karst without a field visit (e.g., burrows, abandoned unlined wells, solution tubes, pseudokarst).
MKOZ	Medium Karst Occurrence Zone
NCRC	National Cave Rescue Commission
NKF	Non-karst feature. Used for features originally identified as PKF that have been subsequently identified in the field as non-karst related. This term may also be used for pseudokarst features.
NMSLO	New Mexico State Land Office
Ohm-m	Ohm-meter, a unit of measurement for resistivity. Sometimes abbreviated Ω -m.
paleokarst	Previously formed karst features that have been filled in by erosion and/or deposition of minerals.
Pat	Permian Artesia Group
Pcp	Permian Capitan Formation
Pc	Permian Castile Formation

PdI	Permian Dewey Lake Formation
PKF	Possible karst feature. This term is reserved for features identified in satellite or aerial imagery that have NOT been visited in the field. Further modifiers include (H) for high confidence, (M) for medium confidence, and (L) for low confidence. These confidence levels are based on field experience.
PLSS	Public Land Survey System
Pqg	Permian Queen/Greyburg Formation
Pru	Permian Rustler Formation
pseudokarst	Karst-like features (sinkholes, conduits, voids etc.) that are not formed by dissolution. These types of features include soil piping, lava tubes, and some cover-collapse and suffosion sinkholes.
Psl	Permian Salado Formation
Psr	Permian Seven Rivers Formation
Pt	Permian Tansill Formation
Py	Permian Yates Formation
Qal	Quaternary alluvium
Qe	Quaternary eolian deposits
Qp	Quaternary piedmont deposits
Qpl	Quaternary playa lake deposits
RKF	Recognized karst feature. This term is reserved for karst features that have been physically verified in the field.
SPAR	Small Party Assisted Rescue
sUAS	Small, uncrewed aerial system
suffosion sinkhole	Raveling of soil into a pre-existing void or fracture.
swallet	A natural opening in the surface, too small for a person, that drains water to an aquifer. Some are "open," meaning a void can be seen below; some are "closed," meaning they are full of sediment.
SWG	Southwest Geophysical Consulting, LLC
UTM	Universal Transverse Mercator (projected coordinates)
(V)	Field verified modifier for a RKF. This indicates that the feature has been visited by a qualified karst professional in the field and fully identified
WGS	World Geodetic System (geographic coordinates)

9.0 ATTESTATION

David D. Decker, PhD, PG, CPG

Chief Executive Officer, Principal Geologist

Southwest Geophysical Consulting, LLC

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Albuquerque, NM 87114

dave@swgeophys.com

(505) 585-2550

CERTIFICATE OF AUTHOR

I, David D. Decker, a Licensed Professional Geologist and a Certified Professional Geologist, do certify that:

- I am currently employed as a consulting geologist in the specialty of caves and karst with an office address of 5117 Fairfax Dr. NW, Albuquerque, NM, USA, 87114.
- I graduated with a Master of Science in Applied Physics with a specialization in Sensor Systems from the Naval Post Graduate School in Monterey, California, in 2003, and a Doctor of Philosophy in Earth and Planetary Sciences from the University of New Mexico, Albuquerque, New Mexico, in 2018.
- I am a Licensed Professional Geologist in the State of Texas, USA (PG-15242) and have been since 2021. I am a Certified Professional Geologist through the American Institute of Professional Geologists (CPG-12123) and have been since 2021.
- I have been employed as a geologist continuously since 2016. I was previously employed as a Fire Controlman, Naval Flight Officer, and Aerospace Engineering Duty Officer in the U.S. Navy and operated, maintained, and installed various sensor systems including magnetic, electromagnetic, radar, communications, and acoustic systems in various capacities from 1986 through 2010.
- I have been involved in various aspects of cave and karst studies continuously since 1985, including exploration, mapping, and scientific studies.
- I have read the definition of “qualified karst professional” set out in the ASTM Standard Practice for Preliminary Karst Terrain Assessment for Site Development (ASTM E-1527). I meet the definition of “qualified professional” for the purposes of this standard.
- I am responsible for the content, compilation, and editing of all sections of report number CARM-002-20251006 entitled, “Environmental Karst Study Report, Riverbend 14-2, Eddy County, New Mexico.” I or a duly authorized and qualified representative of Southwest Geophysical Consulting, LLC, have personally visited this site and/or reviewed the aerial imagery on the date or dates mentioned in section **2.3 Description of Survey**.

- I have no prior involvement nor monetary interest in the described property or project, save for my fee for conducting this investigation and providing the report.

Dated in Albuquerque, New Mexico, October 29, 2025.



David D. Decker
PhD, CPG-12123



APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ashton Thielke
Coterra Energy Inc
6001 Deauville Blvd
Suite 300N
Midland, Texas 79706

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JOB DESCRIPTION

RIVERBEND 14 - 2 ROW (09.21.2025)
3032

JOB NUMBER

890-8930-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
10/16/2025 4:53:54 PM

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

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Laboratory Job ID: 890-8930-1
SDG: 3032

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Definitions/Glossary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Coterra Energy Inc
Project: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1

Job ID: 890-8930-1

Eurofins Carlsbad

Job Narrative 890-8930-1

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 10/9/2025 4:50 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 7.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: S - 1 (0-1') (890-8930-1), S - 1 (1.5') (890-8930-2), S - 1 (2.0') (890-8930-3), S - 1 (3.0') (890-8930-4), S - 1 (4.0') (890-8930-5), S - 1 (5.0') (890-8930-6), S - 1 (6.0') (890-8930-7), S - 2 (0-1') (890-8930-8), S - 2 (1.5') (890-8930-9), S - 2 (2.0') (890-8930-10), S - 2 (3.0') (890-8930-11), S - 2 (4.0') (890-8930-12), S - 2 (5.0') (890-8930-13), S - 2 (6.0') (890-8930-14), S - 3 (0-1') (890-8930-15), S - 3 (1.5') (890-8930-16), S - 3 (2.0') (890-8930-17), S - 3 (3.0') (890-8930-18), S - 3 (4.0') (890-8930-19), S - 3 (5.0') (890-8930-20), S - 4 (0-1') (890-8930-21), S - 4 (1.5') (890-8930-22), S - 4 (2.0') (890-8930-23), S - 4 (3.0') (890-8930-24), S - 4 (4.0') (890-8930-25), S - 5 (0-1') (890-8930-26), S - 5 (1.5') (890-8930-27), S - 5 (2.0') (890-8930-28), S - 5 (3.0') (890-8930-29), S - 5 (4.0') (890-8930-30), S - 5 (5.0') (890-8930-31), S - 6 (0-1') (890-8930-32), S - 6 (1.5') (890-8930-33), S - 6 (2.0') (890-8930-34), S - 6 (3.0') (890-8930-35), S - 6 (4.0') (890-8930-36), S - 6 (5.0') (890-8930-37), S - 7 (0-1') (890-8930-38), S - 7 (1.5') (890-8930-39), S - 7 (2.0') (890-8930-40), S - 7 (3.0') (890-8930-41), S - 7 (4.0') (890-8930-42), S - 7 (5.0') (890-8930-43), S - 7 (6.0') (890-8930-44), S - 7 (7.0') (890-8930-45), S - 8 (0.1') (890-8930-46), S - 8 (1.5') (890-8930-47), S - 8 (2.0') (890-8930-48), S - 8 (3.0') (890-8930-49), S - 8 (4.0') (890-8930-50), S - 8 (5.0') (890-8930-51) and S - 8 (6.0') (890-8930-52).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121062 and analytical batch 880-121102 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 2 (0-1') (890-8930-8), S - 2 (4.0') (890-8930-12) and S - 3 (0-1') (890-8930-15). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-121069 and analytical batch 880-121035 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 7 (3.0') (890-8930-41), S - 7 (4.0') (890-8930-42), S - 7 (5.0') (890-8930-43), S - 7 (6.0') (890-8930-44), S - 7 (7.0') (890-8930-45), S - 8 (0.1') (890-8930-46), (CCV 880-121035/29), (CCV 880-121035/47), (LCS 880-121069/1-A), (LCSD 880-121069/2-A) and (890-8930-A-41-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121053 and 880-121069 and analytical batch 880-121035 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S - 4 (0-1') (890-8930-21), S - 4 (2.0') (890-8930-23), S - 4 (4.0') (890-8930-25), S - 5 (1.5') (890-8930-27), S - 5 (2.0') (890-8930-28), S - 5 (3.0') (890-8930-29), S - 5 (4.0') (890-8930-30), S - 5 (5.0') (890-8930-31), S - 6 (0-1') (890-8930-32), S - 6 (2.0') (890-8930-34), S - 6 (3.0') (890-8930-35), S - 6 (4.0') (890-8930-36), S - 6 (5.0') (890-8930-37), S - 7 (0-1') (890-8930-38), S - 7 (1.5') (890-8930-39), S - 7 (2.0') (890-8930-40), (CCV 880-121114/2), (CCV 880-121114/20), (CCV 880-121114/33), (LCS 880-121065/1-A), (LCSD 880-121065/2-

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Case Narrative

Client: Coterra Energy Inc
Project: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1

Job ID: 890-8930-1 (Continued)

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A), (890-8930-A-21-E MS) and (890-8930-A-21-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121065 and analytical batch 880-121114 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-121225 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: (CCV 880-121225/85).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 5 (3.0') (890-8930-29), S - 5 (4.0') (890-8930-30), S - 5 (5.0') (890-8930-31), S - 6 (4.0') (890-8930-36), S - 7 (2.0') (890-8930-40), S - 7 (3.0') (890-8930-41) and S - 7 (4.0') (890-8930-42). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike (MS) recoveries for preparation batch 880-121025 and analytical batch 880-121225 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121022 and analytical batch 880-121225 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 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S - 3 (3.0') (890-8930-18) and S - 3 (4.0') (890-8930-19). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120920 and analytical batch 880-121051 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121024 and analytical batch 880-121077 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-120921 and analytical batch 880-121064 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (0-1')

Lab Sample ID: 890-8930-1

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 19:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:45	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/13/25 19:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/13/25 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	10/13/25 11:31	10/13/25 19:45	1
1,4-Difluorobenzene (Surr)	102		70 - 130	10/13/25 11:31	10/13/25 19:45	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			10/13/25 19:45	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			10/14/25 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/10/25 16:56	10/14/25 15:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/10/25 16:56	10/14/25 15:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/10/25 16:56	10/14/25 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	10/10/25 16:56	10/14/25 15:16	1
o-Terphenyl (Surr)	83		70 - 130	10/10/25 16:56	10/14/25 15:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3640	F1	50.5		mg/Kg			10/13/25 12:06	5

Client Sample ID: S - 1 (1.5')

Lab Sample ID: 890-8930-2

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 20:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 20:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 20:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/13/25 20:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 20:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/13/25 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/13/25 11:31	10/13/25 20:05	1
1,4-Difluorobenzene (Surr)	119		70 - 130	10/13/25 11:31	10/13/25 20:05	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (1.5')

Lab Sample ID: 890-8930-2

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/13/25 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/14/25 15:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 15:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 15:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130				10/10/25 16:56	10/14/25 15:31	1
o-Terphenyl (Surr)	84		70 - 130				10/10/25 16:56	10/14/25 15:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4100		50.5		mg/Kg			10/13/25 12:24	5

Client Sample ID: S - 1 (2.0)

Lab Sample ID: 890-8930-3

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 20:26	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/13/25 20:26	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/13/25 20:26	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/13/25 11:31	10/13/25 20:26	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/13/25 20:26	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/13/25 11:31	10/13/25 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				10/13/25 11:31	10/13/25 20:26	1
1,4-Difluorobenzene (Surr)	116		70 - 130				10/13/25 11:31	10/13/25 20:26	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			10/13/25 20:26	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			10/14/25 15:46	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		10/10/25 16:56	10/14/25 15:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/10/25 16:56	10/14/25 15:46	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (2.0)

Lab Sample ID: 890-8930-3

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/10/25 16:56	10/14/25 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				10/10/25 16:56	10/14/25 15:46	1
o-Terphenyl (Surr)	87		70 - 130				10/10/25 16:56	10/14/25 15:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3200		50.5		mg/Kg			10/13/25 12:30	5

Client Sample ID: S - 1 (3.0')

Lab Sample ID: 890-8930-4

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 20:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/13/25 20:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/13/25 20:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/13/25 20:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/13/25 20:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/13/25 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				10/13/25 11:31	10/13/25 20:46	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/13/25 11:31	10/13/25 20:46	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			10/13/25 20:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/14/25 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/10/25 16:56	10/14/25 16:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/10/25 16:56	10/14/25 16:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/10/25 16:56	10/14/25 16:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				10/10/25 16:56	10/14/25 16:01	1
o-Terphenyl (Surr)	83		70 - 130				10/10/25 16:56	10/14/25 16:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	733		10.1		mg/Kg			10/13/25 12:36	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (4.0')

Lab Sample ID: 890-8930-5

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 21:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 21:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 21:06	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/13/25 21:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 21:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/13/25 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	10/13/25 11:31	10/13/25 21:06	1
1,4-Difluorobenzene (Surr)	113		70 - 130	10/13/25 11:31	10/13/25 21:06	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			10/13/25 21:06	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			10/14/25 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 16:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 16:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 16:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130	10/10/25 16:56	10/14/25 16:16	1
o-Terphenyl (Surr)	80		70 - 130	10/10/25 16:56	10/14/25 16:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2310		50.5		mg/Kg			10/13/25 12:42	5

Client Sample ID: S - 1 (5.0')

Lab Sample ID: 890-8930-6

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 21:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 21:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 21:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/13/25 21:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 21:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/13/25 21:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	10/13/25 11:31	10/13/25 21:27	1
1,4-Difluorobenzene (Surr)	110		70 - 130	10/13/25 11:31	10/13/25 21:27	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (5.0')

Lab Sample ID: 890-8930-6

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/13/25 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/14/25 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/10/25 16:56	10/14/25 16:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/10/25 16:56	10/14/25 16:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/10/25 16:56	10/14/25 16:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130				10/10/25 16:56	10/14/25 16:31	1
o-Terphenyl (Surr)	84		70 - 130				10/10/25 16:56	10/14/25 16:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2490		49.8		mg/Kg			10/13/25 12:59	5

Client Sample ID: S - 1 (6.0')

Lab Sample ID: 890-8930-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 21:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/13/25 21:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/13/25 21:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/13/25 11:31	10/13/25 21:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/13/25 21:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/13/25 11:31	10/13/25 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130				10/13/25 11:31	10/13/25 21:47	1
1,4-Difluorobenzene (Surr)	111		70 - 130				10/13/25 11:31	10/13/25 21:47	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			10/13/25 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/14/25 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 16:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 16:45	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (6.0')

Lab Sample ID: 890-8930-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/10/25 16:56	10/14/25 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				10/10/25 16:56	10/14/25 16:45	1
o-Terphenyl (Surr)	90		70 - 130				10/10/25 16:56	10/14/25 16:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	664		9.92		mg/Kg			10/13/25 13:05	1

Client Sample ID: S- 2 (0-1')

Lab Sample ID: 890-8930-8

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 22:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/13/25 22:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/13/25 22:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/13/25 22:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/13/25 22:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/13/25 22:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				10/13/25 11:31	10/13/25 22:08	1
1,4-Difluorobenzene (Surr)	124		70 - 130				10/13/25 11:31	10/13/25 22:08	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			10/13/25 22:08	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			10/14/25 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 17:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 17:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 17:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130				10/10/25 16:56	10/14/25 17:00	1
o-Terphenyl (Surr)	84		70 - 130				10/10/25 16:56	10/14/25 17:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5310		99.8		mg/Kg			10/13/25 13:11	10

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (1.5')

Lab Sample ID: 890-8930-9

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 22:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:31	10/13/25 22:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:31	10/13/25 22:28	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/13/25 11:31	10/13/25 22:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:31	10/13/25 22:28	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/13/25 11:31	10/13/25 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	10/13/25 11:31	10/13/25 22:28	1
1,4-Difluorobenzene (Surr)	119		70 - 130	10/13/25 11:31	10/13/25 22:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/13/25 22:28	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			10/16/25 01:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		10/13/25 08:03	10/16/25 01:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 01:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 01:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130	10/13/25 08:03	10/16/25 01:37	1
o-Terphenyl (Surr)	89		70 - 130	10/13/25 08:03	10/16/25 01:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		10.1		mg/Kg			10/13/25 13:17	1

Client Sample ID: S - 2 (2.0')

Lab Sample ID: 890-8930-10

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/13/25 22:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 22:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 22:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/13/25 22:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/13/25 22:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/13/25 22:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	10/13/25 11:31	10/13/25 22:49	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/13/25 11:31	10/13/25 22:49	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (2.0')

Lab Sample ID: 890-8930-10

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/13/25 22:49	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			10/16/25 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 02:20	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 02:20	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				10/13/25 08:03	10/16/25 02:20	1
o-Terphenyl (Surr)	87		70 - 130				10/13/25 08:03	10/16/25 02:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	405		10.1		mg/Kg			10/13/25 13:23	1

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-8930-11

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 00:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/14/25 00:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/14/25 00:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/14/25 00:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/14/25 00:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/14/25 00:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				10/13/25 11:31	10/14/25 00:39	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/13/25 11:31	10/14/25 00:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/14/25 00:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 02:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 02:35	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-8930-11

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:03	10/16/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				10/13/25 08:03	10/16/25 02:35	1
o-Terphenyl (Surr)	97		70 - 130				10/13/25 08:03	10/16/25 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		10.1		mg/Kg			10/13/25 13:29	1

Client Sample ID: S - 2 (4.0')

Lab Sample ID: 890-8930-12

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 01:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 01:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 01:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:31	10/14/25 01:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 01:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:31	10/14/25 01:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130				10/13/25 11:31	10/14/25 01:00	1
1,4-Difluorobenzene (Surr)	122		70 - 130				10/13/25 11:31	10/14/25 01:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/14/25 01:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 02:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 02:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130				10/13/25 08:03	10/16/25 02:48	1
o-Terphenyl (Surr)	86		70 - 130				10/13/25 08:03	10/16/25 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		9.94		mg/Kg			10/13/25 13:46	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (5.0')

Lab Sample ID: 890-8930-13

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 01:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 01:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 01:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/14/25 01:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 01:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/14/25 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	10/13/25 11:31	10/14/25 01:20	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/13/25 11:31	10/14/25 01:20	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			10/14/25 01:20	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			10/16/25 03:03	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		10/13/25 08:03	10/16/25 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	76		70 - 130	10/13/25 08:03	10/16/25 03:03	1
o-Terphenyl (Surr)	90		70 - 130	10/13/25 08:03	10/16/25 03:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3370		49.9		mg/Kg			10/13/25 13:52	5

Client Sample ID: S - 2 (6.0')

Lab Sample ID: 890-8930-14

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 01:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 01:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 01:41	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/14/25 01:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 01:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/14/25 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	10/13/25 11:31	10/14/25 01:41	1
1,4-Difluorobenzene (Surr)	114		70 - 130	10/13/25 11:31	10/14/25 01:41	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (6.0')

Lab Sample ID: 890-8930-14

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 01:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 03:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 03:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 03:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 03:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				10/13/25 08:03	10/16/25 03:17	1
o-Terphenyl (Surr)	88		70 - 130				10/13/25 08:03	10/16/25 03:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3280		49.7		mg/Kg			10/13/25 14:10	5

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

Lab Sample ID: 890-8930-15

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 02:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 02:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 02:01	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/14/25 02:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 02:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/14/25 02:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130				10/13/25 11:31	10/14/25 02:01	1
1,4-Difluorobenzene (Surr)	124		70 - 130				10/13/25 11:31	10/14/25 02:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/14/25 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 03:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:31	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: 890-8930-15

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:03	10/16/25 03:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130				10/13/25 08:03	10/16/25 03:31	1
o-Terphenyl (Surr)	86		70 - 130				10/13/25 08:03	10/16/25 03:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2080		49.8		mg/Kg			10/13/25 14:16	5

Client Sample ID: S - 3 (1.5')

Lab Sample ID: 890-8930-16

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 02:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/14/25 02:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/14/25 02:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/13/25 11:31	10/14/25 02:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/14/25 02:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/13/25 11:31	10/14/25 02:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				10/13/25 11:31	10/14/25 02:22	1
1,4-Difluorobenzene (Surr)	110		70 - 130				10/13/25 11:31	10/14/25 02:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/14/25 02:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 03:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 03:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 03:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 03:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				10/13/25 08:03	10/16/25 03:45	1
o-Terphenyl (Surr)	89		70 - 130				10/13/25 08:03	10/16/25 03:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3550		50.2		mg/Kg			10/13/25 14:22	5

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 3 (2.0')

Lab Sample ID: 890-8930-17

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 02:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/14/25 02:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/14/25 02:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/14/25 02:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:31	10/14/25 02:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:31	10/14/25 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	10/13/25 11:31	10/14/25 02:42	1
1,4-Difluorobenzene (Surr)	119		70 - 130	10/13/25 11:31	10/14/25 02:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/14/25 02:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 03:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 03:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130	10/13/25 08:03	10/16/25 03:59	1
o-Terphenyl (Surr)	85		70 - 130	10/13/25 08:03	10/16/25 03:59	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		9.92		mg/Kg			10/13/25 14:27	1

Client Sample ID: S - 3 (3.0')

Lab Sample ID: 890-8930-18

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 03:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 03:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 03:02	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/14/25 03:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/14/25 03:02	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:31	10/14/25 03:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	10/13/25 11:31	10/14/25 03:02	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/13/25 11:31	10/14/25 03:02	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 3 (3.0')

Lab Sample ID: 890-8930-18

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 04:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 04:13	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 04:13	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130				10/13/25 08:03	10/16/25 04:13	1
o-Terphenyl (Surr)	85		70 - 130				10/13/25 08:03	10/16/25 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		50.4		mg/Kg			10/13/25 14:33	5

Client Sample ID: S - 3 (4.0')

Lab Sample ID: 890-8930-19

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 03:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 03:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 03:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/14/25 03:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:31	10/14/25 03:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:31	10/14/25 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130				10/13/25 11:31	10/14/25 03:23	1
1,4-Difluorobenzene (Surr)	115		70 - 130				10/13/25 11:31	10/14/25 03:23	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			10/14/25 03:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 04:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 04:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 04:42	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 3 (4.0')

Lab Sample ID: 890-8930-19

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:03	10/16/25 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130				10/13/25 08:03	10/16/25 04:42	1
o-Terphenyl (Surr)	83		70 - 130				10/13/25 08:03	10/16/25 04:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		49.7		mg/Kg			10/13/25 14:39	5

Client Sample ID: S - 3 (5.0')

Lab Sample ID: 890-8930-20

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:31	10/14/25 03:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/14/25 03:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/14/25 03:43	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/13/25 11:31	10/14/25 03:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:31	10/14/25 03:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/13/25 11:31	10/14/25 03:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				10/13/25 11:31	10/14/25 03:43	1
1,4-Difluorobenzene (Surr)	114		70 - 130				10/13/25 11:31	10/14/25 03:43	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			10/14/25 03:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 04:56	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		10/13/25 08:03	10/16/25 04:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 04:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130				10/13/25 08:03	10/16/25 04:56	1
o-Terphenyl (Surr)	87		70 - 130				10/13/25 08:03	10/16/25 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		49.6		mg/Kg			10/13/25 14:45	5

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 4 (0-1')

Lab Sample ID: 890-8930-21

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 11:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:34	10/14/25 11:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:34	10/14/25 11:57	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/13/25 11:34	10/14/25 11:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:34	10/14/25 11:57	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/13/25 11:34	10/14/25 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	10/13/25 11:34	10/14/25 11:57	1
1,4-Difluorobenzene (Surr)	88		70 - 130	10/13/25 11:34	10/14/25 11:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/14/25 11:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 05:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 05:10	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 05:10	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130	10/13/25 08:03	10/16/25 05:10	1
o-Terphenyl (Surr)	90		70 - 130	10/13/25 08:03	10/16/25 05:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		9.96		mg/Kg			10/13/25 14:14	1

Client Sample ID: S - 4 (1.5')

Lab Sample ID: 890-8930-22

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 12:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 12:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 12:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 12:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 12:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 12:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	10/13/25 11:34	10/14/25 12:17	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/13/25 11:34	10/14/25 12:17	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 4 (1.5')

Lab Sample ID: 890-8930-22

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 12:17	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			10/16/25 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 05:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130				10/13/25 08:03	10/16/25 05:24	1
o-Terphenyl (Surr)	87		70 - 130				10/13/25 08:03	10/16/25 05:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	447		9.92		mg/Kg			10/13/25 14:30	1

Client Sample ID: S - 4 (2.0')

Lab Sample ID: 890-8930-23

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 12:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 12:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 12:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 12:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 12:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				10/13/25 11:34	10/14/25 12:38	1
1,4-Difluorobenzene (Surr)	71		70 - 130				10/13/25 11:34	10/14/25 12:38	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			10/14/25 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 05:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 05:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 05:39	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 4 (2.0')

Lab Sample ID: 890-8930-23

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:03	10/16/25 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130				10/13/25 08:03	10/16/25 05:39	1
o-Terphenyl (Surr)	91		70 - 130				10/13/25 08:03	10/16/25 05:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		9.94		mg/Kg			10/13/25 14:35	1

Client Sample ID: S - 4 (3.0)

Lab Sample ID: 890-8930-24

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 12:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 12:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 12:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 12:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 12:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				10/13/25 11:34	10/14/25 12:58	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/13/25 11:34	10/14/25 12:58	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			10/14/25 12:58	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			10/16/25 05:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 05:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 05:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 05:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				10/13/25 08:03	10/16/25 05:53	1
o-Terphenyl (Surr)	99		70 - 130				10/13/25 08:03	10/16/25 05:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	324		9.92		mg/Kg			10/13/25 14:41	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 4 (4.0')

Lab Sample ID: 890-8930-25

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 13:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 13:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 13:18	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 13:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 13:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	10/13/25 11:34	10/14/25 13:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/13/25 11:34	10/14/25 13:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/14/25 13:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/16/25 06:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 06:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 06:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:03	10/16/25 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	70		70 - 130	10/13/25 08:03	10/16/25 06:09	1
o-Terphenyl (Surr)	84		70 - 130	10/13/25 08:03	10/16/25 06:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	578		10.0		mg/Kg			10/13/25 14:46	1

Client Sample ID: S - 5 (0-1')

Lab Sample ID: 890-8930-26

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 13:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 13:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 13:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 13:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 13:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	10/13/25 11:34	10/14/25 13:39	1
1,4-Difluorobenzene (Surr)	108		70 - 130	10/13/25 11:34	10/14/25 13:39	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (0-1')

Lab Sample ID: 890-8930-26

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 06:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 06:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 06:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130				10/13/25 08:03	10/16/25 06:22	1
o-Terphenyl (Surr)	87		70 - 130				10/13/25 08:03	10/16/25 06:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5480		101		mg/Kg			10/13/25 16:10	10

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-8930-27

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 13:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 13:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 13:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 13:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 13:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 13:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130				10/13/25 11:34	10/14/25 13:59	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/13/25 11:34	10/14/25 13:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/14/25 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/16/25 06:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 06:37	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 06:37	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-8930-27

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 08:03	10/16/25 06:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/13/25 08:03	10/16/25 06:37	1
o-Terphenyl (Surr)	95		70 - 130				10/13/25 08:03	10/16/25 06:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2800		49.7		mg/Kg			10/13/25 15:07	5

Client Sample ID: S - 5 (2.0')

Lab Sample ID: 890-8930-28

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 14:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 14:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 14:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:34	10/14/25 14:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 14:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:34	10/14/25 14:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135	S1+	70 - 130				10/13/25 11:34	10/14/25 14:20	1
1,4-Difluorobenzene (Surr)	96		70 - 130				10/13/25 11:34	10/14/25 14:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/14/25 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/16/25 06:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 06:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 06:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 06:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	78		70 - 130				10/13/25 08:03	10/16/25 06:51	1
o-Terphenyl (Surr)	94		70 - 130				10/13/25 08:03	10/16/25 06:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2980		50.0		mg/Kg			10/13/25 15:12	5

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (3.0')

Lab Sample ID: 890-8930-29

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 14:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 14:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 14:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 14:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 14:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130	10/13/25 11:34	10/14/25 14:40	1
1,4-Difluorobenzene (Surr)	72		70 - 130	10/13/25 11:34	10/14/25 14:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/14/25 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 18:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9		mg/Kg		10/13/25 08:33	10/15/25 18:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 18:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 18:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	66	S1-	70 - 130	10/13/25 08:33	10/15/25 18:26	1
o-Terphenyl (Surr)	84		70 - 130	10/13/25 08:33	10/15/25 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3990		49.6		mg/Kg			10/13/25 15:17	5

Client Sample ID: S - 5 (4.0)

Lab Sample ID: 890-8930-30

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 15:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:34	10/14/25 15:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:34	10/14/25 15:01	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/13/25 11:34	10/14/25 15:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:34	10/14/25 15:01	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/13/25 11:34	10/14/25 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130	10/13/25 11:34	10/14/25 15:01	1
1,4-Difluorobenzene (Surr)	75		70 - 130	10/13/25 11:34	10/14/25 15:01	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (4.0)

Lab Sample ID: 890-8930-30

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/14/25 15:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 19:08	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		10/13/25 08:33	10/15/25 19:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 19:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	66	S1-	70 - 130				10/13/25 08:33	10/15/25 19:08	1
o-Terphenyl (Surr)	84		70 - 130				10/13/25 08:33	10/15/25 19:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3420		50.1		mg/Kg			10/13/25 15:23	5

Client Sample ID: S - 5 (5.0')

Lab Sample ID: 890-8930-31

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 16:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 16:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 16:34	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 16:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 16:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 16:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130				10/13/25 11:34	10/14/25 16:34	1
1,4-Difluorobenzene (Surr)	90		70 - 130				10/13/25 11:34	10/14/25 16:34	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			10/14/25 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 19:22	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (5.0')

Lab Sample ID: 890-8930-31

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:33	10/15/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	69	S1-	70 - 130				10/13/25 08:33	10/15/25 19:22	1
o-Terphenyl (Surr)	87		70 - 130				10/13/25 08:33	10/15/25 19:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3460	F1	50.5		mg/Kg			10/13/25 15:28	5

Client Sample ID: S - 6 (0-1')

Lab Sample ID: 890-8930-32

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 16:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 16:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 16:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 16:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 16:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/13/25 11:34	10/14/25 16:55	1
1,4-Difluorobenzene (Surr)	87		70 - 130				10/13/25 11:34	10/14/25 16:55	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			10/14/25 16:55	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			10/15/25 19:36	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		10/13/25 08:33	10/15/25 19:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 19:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130				10/13/25 08:33	10/15/25 19:36	1
o-Terphenyl (Surr)	90		70 - 130				10/13/25 08:33	10/15/25 19:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3850		49.6		mg/Kg			10/13/25 15:44	5

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 6 (1.5')

Lab Sample ID: 890-8930-33

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 17:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 17:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 17:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 17:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 17:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 17:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	10/13/25 11:34	10/14/25 17:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130	10/13/25 11:34	10/14/25 17:15	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			10/14/25 17:15	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			10/15/25 19:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	74		70 - 130	10/13/25 08:33	10/15/25 19:51	1
o-Terphenyl (Surr)	93		70 - 130	10/13/25 08:33	10/15/25 19:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3330		49.5		mg/Kg			10/13/25 15:54	5

Client Sample ID: S - 6 (2.0')

Lab Sample ID: 890-8930-34

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 17:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 17:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 17:36	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 17:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 17:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 17:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	10/13/25 11:34	10/14/25 17:36	1
1,4-Difluorobenzene (Surr)	76		70 - 130	10/13/25 11:34	10/14/25 17:36	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 6 (2.0')

Lab Sample ID: 890-8930-34

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 17:36	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			10/15/25 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 20:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 20:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130				10/13/25 08:33	10/15/25 20:05	1
o-Terphenyl (Surr)	87		70 - 130				10/13/25 08:33	10/15/25 20:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810		50.2		mg/Kg			10/13/25 16:15	5

Client Sample ID: S - 6 (3.0')

Lab Sample ID: 890-8930-35

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 17:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 17:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 17:56	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 17:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 17:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130				10/13/25 11:34	10/14/25 17:56	1
1,4-Difluorobenzene (Surr)	72		70 - 130				10/13/25 11:34	10/14/25 17:56	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			10/14/25 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/15/25 20:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		10/13/25 08:33	10/15/25 20:20	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		10/13/25 08:33	10/15/25 20:20	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 6 (3.0')

Lab Sample ID: 890-8930-35

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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)	<49.6	U	49.6		mg/Kg		10/13/25 08:33	10/15/25 20:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				10/13/25 08:33	10/15/25 20:20	1
o-Terphenyl (Surr)	89		70 - 130				10/13/25 08:33	10/15/25 20:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2860		50.5		mg/Kg			10/13/25 16:20	5

Client Sample ID: S - 6 (4.0')

Lab Sample ID: 890-8930-36

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 18:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 18:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 18:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 18:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 18:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				10/13/25 11:34	10/14/25 18:16	1
1,4-Difluorobenzene (Surr)	75		70 - 130				10/13/25 11:34	10/14/25 18:16	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			10/14/25 18:16	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			10/15/25 20:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 20:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 20:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 20:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	67	S1-	70 - 130				10/13/25 08:33	10/15/25 20:34	1
o-Terphenyl (Surr)	84		70 - 130				10/13/25 08:33	10/15/25 20:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	764		9.94		mg/Kg			10/13/25 16:26	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 6 (5.0')

Lab Sample ID: 890-8930-37

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 18:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 18:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 18:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 18:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 18:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:34	10/14/25 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+	70 - 130	10/13/25 11:34	10/14/25 18:37	1
1,4-Difluorobenzene (Surr)	129		70 - 130	10/13/25 11:34	10/14/25 18:37	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			10/14/25 18:37	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			10/15/25 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 20:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 20:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130	10/13/25 08:33	10/15/25 20:49	1
o-Terphenyl (Surr)	90		70 - 130	10/13/25 08:33	10/15/25 20:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	344		9.98		mg/Kg			10/13/25 16:31	1

Client Sample ID: S - 7 (0-1')

Lab Sample ID: 890-8930-38

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 18:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 18:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 18:57	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 18:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:34	10/14/25 18:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:34	10/14/25 18:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130	10/13/25 11:34	10/14/25 18:57	1
1,4-Difluorobenzene (Surr)	78		70 - 130	10/13/25 11:34	10/14/25 18:57	1

Eurofins Carlsbad

Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (0-1')

Lab Sample ID: 890-8930-38

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 18:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 21:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 21:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 21:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 21:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130				10/13/25 08:33	10/15/25 21:02	1
o-Terphenyl (Surr)	93		70 - 130				10/13/25 08:33	10/15/25 21:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4190		101		mg/Kg			10/13/25 16:36	10

Client Sample ID: S - 7 (1.5')

Lab Sample ID: 890-8930-39

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 19:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:34	10/14/25 19:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:34	10/14/25 19:18	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/13/25 11:34	10/14/25 19:18	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:34	10/14/25 19:18	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/13/25 11:34	10/14/25 19:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130				10/13/25 11:34	10/14/25 19:18	1
1,4-Difluorobenzene (Surr)	75		70 - 130				10/13/25 11:34	10/14/25 19:18	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			10/14/25 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 21:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 21:32	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (1.5')

Lab Sample ID: 890-8930-39

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:33	10/15/25 21:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	71		70 - 130				10/13/25 08:33	10/15/25 21:32	1
o-Terphenyl (Surr)	88		70 - 130				10/13/25 08:33	10/15/25 21:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2790		50.5		mg/Kg			10/13/25 16:42	5

Client Sample ID: S - 7 (2.0')

Lab Sample ID: 890-8930-40

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:34	10/14/25 19:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 19:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 19:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 19:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:34	10/14/25 19:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:34	10/14/25 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130				10/13/25 11:34	10/14/25 19:38	1
1,4-Difluorobenzene (Surr)	76		70 - 130				10/13/25 11:34	10/14/25 19:38	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			10/14/25 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 21:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 21:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 21:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	68	S1-	70 - 130				10/13/25 08:33	10/15/25 21:48	1
o-Terphenyl (Surr)	85		70 - 130				10/13/25 08:33	10/15/25 21:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2060		49.7		mg/Kg			10/13/25 16:47	5

Eurofins Carlsbad

Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (3.0')

Lab Sample ID: 890-8930-41

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/13/25 22:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:48	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:48	1
m-Xylene & p-Xylene	<0.00400	U **	0.00400		mg/Kg		10/13/25 11:47	10/13/25 22:48	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:48	1
Xylenes, Total	<0.00400	U **	0.00400		mg/Kg		10/13/25 11:47	10/13/25 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	149	S1+	70 - 130	10/13/25 11:47	10/13/25 22:48	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/13/25 11:47	10/13/25 22:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/13/25 22:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 22:01	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		10/13/25 08:33	10/15/25 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 22:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 22:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	67	S1-	70 - 130	10/13/25 08:33	10/15/25 22:01	1
o-Terphenyl (Surr)	83		70 - 130	10/13/25 08:33	10/15/25 22:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6640	F1	100		mg/Kg			10/13/25 15:32	10

Client Sample ID: S - 7 (4.0')

Lab Sample ID: 890-8930-42

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/13/25 23:09	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:47	10/13/25 23:09	1
Ethylbenzene	<0.00198	U **	0.00198		mg/Kg		10/13/25 11:47	10/13/25 23:09	1
m-Xylene & p-Xylene	<0.00397	U **	0.00397		mg/Kg		10/13/25 11:47	10/13/25 23:09	1
o-Xylene	<0.00198	U **	0.00198		mg/Kg		10/13/25 11:47	10/13/25 23:09	1
Xylenes, Total	<0.00397	U **	0.00397		mg/Kg		10/13/25 11:47	10/13/25 23:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	10/13/25 11:47	10/13/25 23:09	1
1,4-Difluorobenzene (Surr)	79		70 - 130	10/13/25 11:47	10/13/25 23:09	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (4.0')

Lab Sample ID: 890-8930-42

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/13/25 23:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 22:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 22:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 22:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 22:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	62	S1-	70 - 130				10/13/25 08:33	10/15/25 22:17	1
o-Terphenyl (Surr)	77		70 - 130				10/13/25 08:33	10/15/25 22:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7730		101		mg/Kg			10/13/25 15:50	10

Client Sample ID: S - 7 (5.0')

Lab Sample ID: 890-8930-43

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/13/25 23:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:47	10/13/25 23:29	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		10/13/25 11:47	10/13/25 23:29	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		10/13/25 11:47	10/13/25 23:29	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/13/25 11:47	10/13/25 23:29	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/13/25 11:47	10/13/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/13/25 11:47	10/13/25 23:29	1
1,4-Difluorobenzene (Surr)	78		70 - 130				10/13/25 11:47	10/13/25 23:29	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			10/13/25 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 22:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 22:31	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (5.0')

Lab Sample ID: 890-8930-43

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:33	10/15/25 22:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	72		70 - 130				10/13/25 08:33	10/15/25 22:31	1
o-Terphenyl (Surr)	91		70 - 130				10/13/25 08:33	10/15/25 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7780		101		mg/Kg			10/13/25 15:56	10

Client Sample ID: S - 7 (6.0')

Lab Sample ID: 890-8930-44

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/13/25 23:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:47	10/13/25 23:50	1
Ethylbenzene	<0.00202	U **	0.00202		mg/Kg		10/13/25 11:47	10/13/25 23:50	1
m-Xylene & p-Xylene	<0.00403	U **	0.00403		mg/Kg		10/13/25 11:47	10/13/25 23:50	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		10/13/25 11:47	10/13/25 23:50	1
Xylenes, Total	<0.00403	U **	0.00403		mg/Kg		10/13/25 11:47	10/13/25 23:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130				10/13/25 11:47	10/13/25 23:50	1
1,4-Difluorobenzene (Surr)	80		70 - 130				10/13/25 11:47	10/13/25 23:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/13/25 23:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 22:46	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	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 22:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 22:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130				10/13/25 08:33	10/15/25 22:46	1
o-Terphenyl (Surr)	118		70 - 130				10/13/25 08:33	10/15/25 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7550		99.6		mg/Kg			10/13/25 16:02	10

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (7.0')

Lab Sample ID: 890-8930-45

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/14/25 00:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:47	10/14/25 00:10	1
Ethylbenzene	<0.00199	U **	0.00199		mg/Kg		10/13/25 11:47	10/14/25 00:10	1
m-Xylene & p-Xylene	<0.00398	U **	0.00398		mg/Kg		10/13/25 11:47	10/14/25 00:10	1
o-Xylene	<0.00199	U **	0.00199		mg/Kg		10/13/25 11:47	10/14/25 00:10	1
Xylenes, Total	<0.00398	U **	0.00398		mg/Kg		10/13/25 11:47	10/14/25 00:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	10/13/25 11:47	10/14/25 00:10	1
1,4-Difluorobenzene (Surr)	76		70 - 130	10/13/25 11:47	10/14/25 00:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/14/25 00:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 23:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 23:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 23:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:33	10/15/25 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	10/13/25 08:33	10/15/25 23:00	1
o-Terphenyl (Surr)	97		70 - 130	10/13/25 08:33	10/15/25 23:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5460		49.9		mg/Kg			10/13/25 16:07	5

Client Sample ID: S - 8 (0.1')

Lab Sample ID: 890-8930-46

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/14/25 00:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:47	10/14/25 00:30	1
Ethylbenzene	<0.00200	U **	0.00200		mg/Kg		10/13/25 11:47	10/14/25 00:30	1
m-Xylene & p-Xylene	<0.00399	U **	0.00399		mg/Kg		10/13/25 11:47	10/14/25 00:30	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		10/13/25 11:47	10/14/25 00:30	1
Xylenes, Total	<0.00399	U **	0.00399		mg/Kg		10/13/25 11:47	10/14/25 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	10/13/25 11:47	10/14/25 00:30	1
1,4-Difluorobenzene (Surr)	111		70 - 130	10/13/25 11:47	10/14/25 00:30	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (0.1')

Lab Sample ID: 890-8930-46

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 23:15	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	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 23:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 23:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/13/25 08:33	10/15/25 23:15	1
o-Terphenyl (Surr)	102		70 - 130				10/13/25 08:33	10/15/25 23:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4260		49.7		mg/Kg			10/13/25 16:25	5

Client Sample ID: S - 8 (1.5')

Lab Sample ID: 890-8930-47

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:47	10/14/25 00:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:47	10/14/25 00:51	1
Ethylbenzene	<0.00201	U **	0.00201		mg/Kg		10/13/25 11:47	10/14/25 00:51	1
m-Xylene & p-Xylene	<0.00402	U **	0.00402		mg/Kg		10/13/25 11:47	10/14/25 00:51	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		10/13/25 11:47	10/14/25 00:51	1
Xylenes, Total	<0.00402	U **	0.00402		mg/Kg		10/13/25 11:47	10/14/25 00:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/13/25 11:47	10/14/25 00:51	1
1,4-Difluorobenzene (Surr)	97		70 - 130				10/13/25 11:47	10/14/25 00:51	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			10/14/25 00:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/15/25 23:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 08:33	10/15/25 23:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 08:33	10/15/25 23:29	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (1.5')

Lab Sample ID: 890-8930-47

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 08:33	10/15/25 23:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130				10/13/25 08:33	10/15/25 23:29	1
o-Terphenyl (Surr)	97		70 - 130				10/13/25 08:33	10/15/25 23:29	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3340		50.0		mg/Kg			10/13/25 16:31	5

Client Sample ID: S - 8 (2.0')

Lab Sample ID: 890-8930-48

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 19:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 19:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 19:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:12	10/13/25 19:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 19:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:12	10/13/25 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/13/25 11:12	10/13/25 19:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:12	10/13/25 19:28	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			10/13/25 19:28	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			10/15/25 23:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 23:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 23:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 23:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	75		70 - 130				10/13/25 08:33	10/15/25 23:44	1
o-Terphenyl (Surr)	90		70 - 130				10/13/25 08:33	10/15/25 23:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4820		50.4		mg/Kg			10/13/25 16:37	5

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (3.0')

Lab Sample ID: 890-8930-49

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 19:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 19:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 19:49	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/13/25 11:12	10/13/25 19:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/13/25 11:12	10/13/25 19:49	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/13/25 11:12	10/13/25 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/13/25 11:12	10/13/25 19:49	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/13/25 11:12	10/13/25 19:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/13/25 19:49	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			10/15/25 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130	10/13/25 08:35	10/15/25 01:57	1
o-Terphenyl (Surr)	102		70 - 130	10/13/25 08:35	10/15/25 01:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		9.96		mg/Kg			10/13/25 16:43	1

Client Sample ID: S - 8 (4.0')

Lab Sample ID: 890-8930-50

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 20:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 20:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 20:09	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/13/25 11:12	10/13/25 20:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 20:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/13/25 11:12	10/13/25 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/13/25 11:12	10/13/25 20:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/13/25 11:12	10/13/25 20:09	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (4.0')

Lab Sample ID: 890-8930-50

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/13/25 20:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 02:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 02:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 02:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 02:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				10/13/25 08:35	10/15/25 02:39	1
o-Terphenyl (Surr)	104		70 - 130				10/13/25 08:35	10/15/25 02:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3210		49.9		mg/Kg			10/13/25 16:49	5

Client Sample ID: S - 8 (5.0)

Lab Sample ID: 890-8930-51

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 20:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 20:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 20:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/13/25 11:12	10/13/25 20:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:12	10/13/25 20:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/13/25 11:12	10/13/25 20:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				10/13/25 11:12	10/13/25 20:30	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:12	10/13/25 20:30	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			10/13/25 20:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/15/25 02:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 02:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 02:53	1

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Client Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (5.0)

Lab Sample ID: 890-8930-51

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:35	10/15/25 02:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130				10/13/25 08:35	10/15/25 02:53	1
o-Terphenyl (Surr)	110		70 - 130				10/13/25 08:35	10/15/25 02:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2870	F1	49.7		mg/Kg			10/13/25 16:54	5

Client Sample ID: S - 8 (6.0)

Lab Sample ID: 890-8930-52

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 20:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 20:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 20:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:12	10/13/25 20:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 20:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:12	10/13/25 20:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/13/25 11:12	10/13/25 20:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/13/25 11:12	10/13/25 20:50	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			10/13/25 20:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 03:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 03:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 03:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 03:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130				10/13/25 08:35	10/15/25 03:09	1
o-Terphenyl (Surr)	104		70 - 130				10/13/25 08:35	10/15/25 03:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1370		9.98		mg/Kg			10/13/25 17:12	1

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Surrogate Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-8930-1	S - 1 (0-1')	95	102
890-8930-1 MS	S - 1 (0-1')	94	107
890-8930-1 MSD	S - 1 (0-1')	110	108
890-8930-2	S - 1 (1.5')	123	119
890-8930-3	S - 1 (2.0')	122	116
890-8930-4	S - 1 (3.0')	129	114
890-8930-5	S - 1 (4.0')	117	113
890-8930-6	S - 1 (5.0')	113	110
890-8930-7	S - 1 (6.0')	123	111
890-8930-8	S - 2 (0-1')	132 S1+	124
890-8930-9	S - 2 (1.5')	126	119
890-8930-10	S - 2 (2.0')	126	114
890-8930-11	S - 2 (3.0')	95	114
890-8930-12	S - 2 (4.0')	131 S1+	122
890-8930-13	S - 2 (5.0')	112	114
890-8930-14	S - 2 (6.0')	127	114
890-8930-15	S - 3 (0-1')	153 S1+	124
890-8930-16	S - 3 (1.5')	119	110
890-8930-17	S - 3 (2.0')	123	119
890-8930-18	S - 3 (3.0')	121	111
890-8930-19	S - 3 (4.0')	130	115
890-8930-20	S - 3 (5.0')	120	114
890-8930-21	S - 4 (0-1')	158 S1+	88
890-8930-21 MS	S - 4 (0-1')	137 S1+	84
890-8930-21 MSD	S - 4 (0-1')	151 S1+	80
890-8930-22	S - 4 (1.5')	129	95
890-8930-23	S - 4 (2.0')	141 S1+	71
890-8930-24	S - 4 (3.0')	90	101
890-8930-25	S - 4 (4.0')	133 S1+	95
890-8930-26	S - 5 (0-1')	102	108
890-8930-27	S - 5 (1.5')	150 S1+	76
890-8930-28	S - 5 (2.0')	135 S1+	96
890-8930-29	S - 5 (3.0')	161 S1+	72
890-8930-30	S - 5 (4.0')	161 S1+	75
890-8930-31	S - 5 (5.0')	168 S1+	90
890-8930-32	S - 6 (0-1')	136 S1+	87
890-8930-33	S - 6 (1.5')	96	95
890-8930-34	S - 6 (2.0')	143 S1+	76
890-8930-35	S - 6 (3.0')	157 S1+	72
890-8930-36	S - 6 (4.0')	140 S1+	75
890-8930-37	S - 6 (5.0')	146 S1+	129
890-8930-38	S - 7 (0-1')	77	78
890-8930-39	S - 7 (1.5')	145 S1+	75
890-8930-40	S - 7 (2.0')	152 S1+	76
890-8930-41	S - 7 (3.0')	149 S1+	92
890-8930-41 MS	S - 7 (3.0')	120	80
890-8930-41 MSD	S - 7 (3.0')	147 S1+	84
890-8930-42	S - 7 (4.0')	134 S1+	79
890-8930-43	S - 7 (5.0')	136 S1+	78

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Surrogate Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-8930-44	S - 7 (6.0')	136 S1+	80
890-8930-45	S - 7 (7.0')	132 S1+	76
890-8930-46	S - 8 (0.1')	131 S1+	111
890-8930-47	S - 8 (1.5')	102	97
890-8930-48	S - 8 (2.0')	106	99
890-8930-49	S - 8 (3.0')	107	100
890-8930-50	S - 8 (4.0')	106	99
890-8930-51	S - 8 (5.0')	109	99
890-8930-52	S - 8 (6.0')	106	100
890-8953-A-2-C MS	Matrix Spike	100	104
890-8953-A-2-D MSD	Matrix Spike Duplicate	104	105
LCS 880-121054/1-A	Lab Control Sample	106	106
LCS 880-121062/1-A	Lab Control Sample	96	107
LCS 880-121065/1-A	Lab Control Sample	150 S1+	81
LCS 880-121069/1-A	Lab Control Sample	151 S1+	78
LCSD 880-121054/2-A	Lab Control Sample Dup	99	105
LCSD 880-121062/2-A	Lab Control Sample Dup	103	100
LCSD 880-121065/2-A	Lab Control Sample Dup	140 S1+	82
LCSD 880-121069/2-A	Lab Control Sample Dup	133 S1+	85
MB 880-121053/5-A	Method Blank	140 S1+	81
MB 880-121054/5-A	Method Blank	99	92
MB 880-121062/5-A	Method Blank	181 S1+	104
MB 880-121065/5-A	Method Blank	142 S1+	78
MB 880-121069/5-A	Method Blank	133 S1+	77

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8929-A-1-D MS	Matrix Spike	82	92
890-8929-A-1-E MSD	Matrix Spike Duplicate	98	91
890-8930-1	S - 1 (0-1')	74	83
890-8930-2	S - 1 (1.5')	75	84
890-8930-3	S - 1 (2.0')	76	87
890-8930-4	S - 1 (3.0')	72	83
890-8930-5	S - 1 (4.0')	71	80
890-8930-6	S - 1 (5.0')	76	84
890-8930-7	S - 1 (6.0')	80	90
890-8930-8	S - 2 (0-1')	75	84
890-8930-9	S - 2 (1.5')	73	89
890-8930-9 MS	S - 2 (1.5')	81	91
890-8930-9 MSD	S - 2 (1.5')	82	90
890-8930-10	S - 2 (2.0')	72	87
890-8930-11	S - 2 (3.0')	78	97
890-8930-12	S - 2 (4.0')	70	86

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Surrogate Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
890-8930-13	S - 2 (5.0')	76	90				
890-8930-14	S - 2 (6.0')	74	88				
890-8930-15	S - 3 (0-1')	71	86				
890-8930-16	S - 3 (1.5')	74	89				
890-8930-17	S - 3 (2.0')	70	85				
890-8930-18	S - 3 (3.0')	69 S1-	85				
890-8930-19	S - 3 (4.0')	68 S1-	83				
890-8930-20	S - 3 (5.0')	71	87				
890-8930-21	S - 4 (0-1')	71	90				
890-8930-22	S - 4 (1.5')	73	87				
890-8930-23	S - 4 (2.0')	74	91				
890-8930-24	S - 4 (3.0)	82	99				
890-8930-25	S - 4 (4.0')	70	84				
890-8930-26	S - 5 (0-1')	71	87				
890-8930-27	S - 5 (1.5')	79	95				
890-8930-28	S - 5 (2.0')	78	94				
890-8930-29	S - 5 (3.0')	66 S1-	84				
890-8930-29 MS	S - 5 (3.0')	81	91				
890-8930-29 MSD	S - 5 (3.0')	83	90				
890-8930-30	S - 5 (4.0)	66 S1-	84				
890-8930-31	S - 5 (5.0')	69 S1-	87				
890-8930-32	S - 6 (0-1')	73	90				
890-8930-33	S - 6 (1.5')	74	93				
890-8930-34	S - 6 (2.0')	71	87				
890-8930-35	S - 6 (3.0')	72	89				
890-8930-36	S - 6 (4.0')	67 S1-	84				
890-8930-37	S - 6 (5.0')	72	90				
890-8930-38	S - 7 (0-1')	73	93				
890-8930-39	S - 7 (1.5')	71	88				
890-8930-40	S - 7 (2.0')	68 S1-	85				
890-8930-41	S - 7 (3.0')	67 S1-	83				
890-8930-42	S - 7 (4.0')	62 S1-	77				
890-8930-43	S - 7 (5.0')	72	91				
890-8930-44	S - 7 (6.0')	96	118				
890-8930-45	S - 7 (7.0')	79	97				
890-8930-46	S - 8 (0.1')	83	102				
890-8930-47	S - 8 (1.5')	81	97				
890-8930-48	S - 8 (2.0')	75	90				
890-8930-49	S - 8 (3.0')	79	102				
890-8930-49 MS	S - 8 (3.0')	87	96				
890-8930-49 MSD	S - 8 (3.0')	87	95				
890-8930-50	S - 8 (4.0')	85	104				
890-8930-51	S - 8 (5.0)	90	110				
890-8930-52	S - 8 (6.0)	85	104				
LCS 880-121008/2-A	Lab Control Sample	98	90				
LCS 880-121022/2-A	Lab Control Sample	98	106				
LCS 880-121025/2-A	Lab Control Sample	98	108				
LCS 880-121032/2-A	Lab Control Sample	97	108				
LCSD 880-121008/3-A	Lab Control Sample Dup	100	93				
LCSD 880-121022/3-A	Lab Control Sample Dup	97	106				

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Surrogate Summary

Client: Coterra Energy Inc

Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1

SDG: 3032

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
LCSD 880-121025/3-A	Lab Control Sample Dup	91	100
LCSD 880-121032/3-A	Lab Control Sample Dup	98	108
MB 880-121008/1-A	Method Blank	77	78
MB 880-121022/1-A	Method Blank	82	101
MB 880-121025/1-A	Method Blank	70	84
MB 880-121032/1-A	Method Blank	83	101
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121053/5-A

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:08	10/13/25 12:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:08	10/13/25 12:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:08	10/13/25 12:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:08	10/13/25 12:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:08	10/13/25 12:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:08	10/13/25 12:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	10/13/25 11:08	10/13/25 12:51	1
1,4-Difluorobenzene (Surr)	81		70 - 130	10/13/25 11:08	10/13/25 12:51	1

Lab Sample ID: MB 880-121054/5-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:12	10/13/25 13:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/13/25 11:12	10/13/25 13:08	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/13/25 11:12	10/13/25 13:08	1

Lab Sample ID: LCS 880-121054/1-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1195		mg/Kg		120	70 - 130
Toluene	0.100	0.1068		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1095		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2253		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130

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

Lab Sample ID: LCSD 880-121054/2-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1133		mg/Kg		113	70 - 130	5	35

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: LCSD 880-121054/2-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD
							Limits		Limit
Toluene	0.100	0.1015		mg/Kg		101	70 - 130	5	35
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2103		mg/Kg		105	70 - 130	7	35
o-Xylene	0.100	0.1028		mg/Kg		103	70 - 130	6	35

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

Lab Sample ID: 890-8953-A-2-C MS

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec	
									Limits	
Benzene	<0.00201	U	0.100	0.1114		mg/Kg		111	70 - 130	
Toluene	<0.00201	U	0.100	0.09945		mg/Kg		99	70 - 130	
Ethylbenzene	<0.00201	U	0.100	0.1004		mg/Kg		100	70 - 130	
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2062		mg/Kg		103	70 - 130	
o-Xylene	<0.00201	U	0.100	0.09963		mg/Kg		100	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-8953-A-2-D MSD

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec		RPD
									Limits		
Benzene	<0.00201	U	0.100	0.1139		mg/Kg		114	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1020		mg/Kg		102	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2113		mg/Kg		106	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130	3	35

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

Lab Sample ID: MB 880-121062/5-A

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121062

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:31	10/13/25 19:16	1

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: MB 880-121062/5-A

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121062

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:31	10/13/25 19:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:31	10/13/25 19:16	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	181	S1+	70 - 130				10/13/25 11:31	10/13/25 19:16	1
1,4-Difluorobenzene (Surr)	104		70 - 130				10/13/25 11:31	10/13/25 19:16	1

Lab Sample ID: LCS 880-121062/1-A

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121062

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits		
		Result	Qualifier						
Benzene	0.100	0.1106		mg/Kg		111	70 - 130		
Toluene	0.100	0.09718		mg/Kg		97	70 - 130		
Ethylbenzene	0.100	0.1096		mg/Kg		110	70 - 130		
m-Xylene & p-Xylene	0.200	0.2010		mg/Kg		100	70 - 130		
o-Xylene	0.100	0.09939		mg/Kg		99	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	96		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: LCSD 880-121062/2-A

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121062

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.1113		mg/Kg		111	70 - 130	1	35
Toluene	0.100	0.09270		mg/Kg		93	70 - 130	5	35
Ethylbenzene	0.100	0.1171		mg/Kg		117	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2139		mg/Kg		107	70 - 130	6	35
o-Xylene	0.100	0.1065		mg/Kg		107	70 - 130	7	35
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 890-8930-1 MS

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: S - 1 (0-1')

Prep Type: Total/NA

Prep Batch: 121062

Analyte	Sample	Sample	Spike Added	MS	MS	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier		Result	Qualifier						
Benzene	<0.00200	U	0.100	0.09856		mg/Kg		99	70 - 130		
Toluene	<0.00200	U	0.100	0.08185		mg/Kg		82	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.09029		mg/Kg		90	70 - 130		
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1807		mg/Kg		90	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08900		mg/Kg		89	70 - 130		

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: 890-8930-1 MS

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: S - 1 (0-1')

Prep Type: Total/NA

Prep Batch: 121062

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-8930-1 MSD

Matrix: Solid

Analysis Batch: 121102

Client Sample ID: S - 1 (0-1')

Prep Type: Total/NA

Prep Batch: 121062

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	0.1040		mg/Kg		104	70 - 130	5	35
Toluene	<0.00200	U	0.100	0.09485		mg/Kg		95	70 - 130	15	35
Ethylbenzene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130	10	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1967		mg/Kg		98	70 - 130	8	35
o-Xylene	<0.00200	U	0.100	0.09883		mg/Kg		99	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: MB 880-121065/5-A

Matrix: Solid

Analysis Batch: 121114

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121065

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 11:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 11:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 11:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:34	10/14/25 11:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:34	10/14/25 11:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:34	10/14/25 11:35	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	10/13/25 11:34	10/14/25 11:35	1
1,4-Difluorobenzene (Surr)	78		70 - 130	10/13/25 11:34	10/14/25 11:35	1

Lab Sample ID: LCS 880-121065/1-A

Matrix: Solid

Analysis Batch: 121114

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121065

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09384		mg/Kg		94	70 - 130
Toluene	0.100	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1100		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2384		mg/Kg		119	70 - 130
o-Xylene	0.100	0.1215		mg/Kg		121	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: LCS 880-121065/1-A

Matrix: Solid

Analysis Batch: 121114

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121065

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

Lab Sample ID: LCSD 880-121065/2-A

Matrix: Solid

Analysis Batch: 121114

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121065

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1010		mg/Kg		101	70 - 130	7	35
Toluene	0.100	0.09786		mg/Kg		98	70 - 130	3	35
Ethylbenzene	0.100	0.1020		mg/Kg		102	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.2107		mg/Kg		105	70 - 130	12	35
o-Xylene	0.100	0.1069		mg/Kg		107	70 - 130	13	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130
1,4-Difluorobenzene (Surr)	82		70 - 130

Lab Sample ID: 890-8930-21 MS

Matrix: Solid

Analysis Batch: 121114

Client Sample ID: S - 4 (0-1')

Prep Type: Total/NA

Prep Batch: 121065

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00198	U	0.100	0.09830		mg/Kg		98	70 - 130
Toluene	<0.00198	U	0.100	0.09527		mg/Kg		95	70 - 130
Ethylbenzene	<0.00198	U	0.100	0.09266		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.200	0.1908		mg/Kg		95	70 - 130
o-Xylene	<0.00198	U	0.100	0.09704		mg/Kg		97	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

Lab Sample ID: 890-8930-21 MSD

Matrix: Solid

Analysis Batch: 121114

Client Sample ID: S - 4 (0-1')

Prep Type: Total/NA

Prep Batch: 121065

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.09632		mg/Kg		96	70 - 130	2	35
Toluene	<0.00198	U	0.100	0.09618		mg/Kg		96	70 - 130	1	35
Ethylbenzene	<0.00198	U	0.100	0.09823		mg/Kg		98	70 - 130	6	35
m-Xylene & p-Xylene	<0.00397	U	0.200	0.2065		mg/Kg		103	70 - 130	8	35
o-Xylene	<0.00198	U	0.100	0.1047		mg/Kg		105	70 - 130	8	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: MB 880-121069/5-A

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121069

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:47	10/13/25 22:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:47	10/13/25 22:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:47	10/13/25 22:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	10/13/25 11:47	10/13/25 22:27	1
1,4-Difluorobenzene (Surr)	77		70 - 130	10/13/25 11:47	10/13/25 22:27	1

Lab Sample ID: LCS 880-121069/1-A

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121069

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1075		mg/Kg		107	70 - 130
Toluene	0.100	0.1217		mg/Kg		122	70 - 130
Ethylbenzene	0.100	0.1323	*+	mg/Kg		132	70 - 130
m-Xylene & p-Xylene	0.200	0.2850	*+	mg/Kg		143	70 - 130
o-Xylene	0.100	0.1447	*+	mg/Kg		145	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: LCSD 880-121069/2-A

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121069

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1167		mg/Kg		117	70 - 130	8	35
Toluene	0.100	0.1140		mg/Kg		114	70 - 130	7	35
Ethylbenzene	0.100	0.1193		mg/Kg		119	70 - 130	10	35
m-Xylene & p-Xylene	0.200	0.2445		mg/Kg		122	70 - 130	15	35
o-Xylene	0.100	0.1244		mg/Kg		124	70 - 130	15	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: 890-8930-41 MS

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: S - 7 (3.0')

Prep Type: Total/NA

Prep Batch: 121069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.07245		mg/Kg		72	70 - 130
Toluene	<0.00200	U	0.100	0.07572		mg/Kg		76	70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: 890-8930-41 MS

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: S - 7 (3.0')

Prep Type: Total/NA

Prep Batch: 121069

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U *	0.100	0.08076		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00400	U *	0.200	0.1724		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U *	0.100	0.08674		mg/Kg		87	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	80		70 - 130

Lab Sample ID: 890-8930-41 MSD

Matrix: Solid

Analysis Batch: 121035

Client Sample ID: S - 7 (3.0')

Prep Type: Total/NA

Prep Batch: 121069

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	0.09503		mg/Kg		95	70 - 130	27	35
Toluene	<0.00200	U	0.100	0.1006		mg/Kg		101	70 - 130	28	35
Ethylbenzene	<0.00200	U *	0.100	0.1023		mg/Kg		102	70 - 130	24	35
m-Xylene & p-Xylene	<0.00400	U *	0.200	0.2093		mg/Kg		105	70 - 130	19	35
o-Xylene	<0.00200	U *	0.100	0.1068		mg/Kg		107	70 - 130	21	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130
1,4-Difluorobenzene (Surr)	84		70 - 130

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

Lab Sample ID: MB 880-121008/1-A

Matrix: Solid

Analysis Batch: 121139

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121008

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		10/10/25 16:56	10/14/25 08:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 08:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/10/25 16:56	10/14/25 08:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	10/10/25 16:56	10/14/25 08:55	1
o-Terphenyl (Surr)	78		70 - 130	10/10/25 16:56	10/14/25 08:55	1

Lab Sample ID: LCS 880-121008/2-A

Matrix: Solid

Analysis Batch: 121139

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121008

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	892.6		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	850.4		mg/Kg		85	70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: LCS 880-121008/2-A

Matrix: Solid

Analysis Batch: 121139

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121008

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-121008/3-A

Matrix: Solid

Analysis Batch: 121139

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121008

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	899.9		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	869.1		mg/Kg		87	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-8929-A-1-D MS

Matrix: Solid

Analysis Batch: 121139

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121008

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	999	810.9		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U	999	832.7		mg/Kg		82	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: 890-8929-A-1-E MSD

Matrix: Solid

Analysis Batch: 121139

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121008

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	999	816.5		mg/Kg		80	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.3	U	999	774.7		mg/Kg		76	70 - 130	7	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	91		70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: MB 880-121022/1-A

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121022

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		10/13/25 08:03	10/16/25 00:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 00:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:03	10/16/25 00:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	82		70 - 130				10/13/25 08:03	10/16/25 00:41	1
o-Terphenyl (Surr)	101		70 - 130				10/13/25 08:03	10/16/25 00:41	1

Lab Sample ID: LCS 880-121022/2-A

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121022

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	830.1		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	925.3		mg/Kg		93	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	98		70 - 130				
o-Terphenyl (Surr)	106		70 - 130				

Lab Sample ID: LCSD 880-121022/3-A

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121022

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	805.6		mg/Kg		81	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	867.9		mg/Kg		87	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	97		70 - 130						
o-Terphenyl (Surr)	106		70 - 130						

Lab Sample ID: 890-8930-9 MS

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: S - 2 (1.5')

Prep Type: Total/NA

Prep Batch: 121022

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	626.1	F1	mg/Kg		63	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	999	739.5		mg/Kg		74	70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: 890-8930-9 MS

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: S - 2 (1.5')

Prep Type: Total/NA

Prep Batch: 121022

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 890-8930-9 MSD

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: S - 2 (1.5')

Prep Type: Total/NA

Prep Batch: 121022

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	654.3	F1	mg/Kg		65	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	778.5		mg/Kg		78	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: MB 880-121025/1-A

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121025

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		10/13/25 08:33	10/15/25 17:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 17:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:33	10/15/25 17:43	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	70		70 - 130	10/13/25 08:33	10/15/25 17:43	1			
o-Terphenyl (Surr)	84		70 - 130	10/13/25 08:33	10/15/25 17:43	1			

Lab Sample ID: LCS 880-121025/2-A

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121025

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	889.5		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1005		mg/Kg		101	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	108		70 - 130

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: LCSD 880-121025/3-A

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121025

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	830.8		mg/Kg		83	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	935.1		mg/Kg		94	70 - 130	7	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	91		70 - 130						
o-Terphenyl (Surr)	100		70 - 130						

Lab Sample ID: 890-8930-29 MS

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: S - 5 (3.0')

Prep Type: Total/NA

Prep Batch: 121025

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	681.3	F1	mg/Kg		68	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	802.1		mg/Kg		80	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	81		70 - 130								
o-Terphenyl (Surr)	91		70 - 130								

Lab Sample ID: 890-8930-29 MSD

Matrix: Solid

Analysis Batch: 121225

Client Sample ID: S - 5 (3.0')

Prep Type: Total/NA

Prep Batch: 121025

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	999	712.8		mg/Kg		71	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	837.8		mg/Kg		84	70 - 130	4	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	83		70 - 130								
o-Terphenyl (Surr)	90		70 - 130								

Lab Sample ID: MB 880-121032/1-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121032

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		10/13/25 08:35	10/15/25 01:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:00	1

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: MB 880-121032/1-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121032

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	10/13/25 08:35	10/15/25 01:00	1
o-Terphenyl (Surr)	101		70 - 130	10/13/25 08:35	10/15/25 01:00	1

Lab Sample ID: LCS 880-121032/2-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121032

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	827.5		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	911.6		mg/Kg		91	70 - 130		

	LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	97		70 - 130			
o-Terphenyl (Surr)	108		70 - 130			

Lab Sample ID: LCSD 880-121032/3-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121032

			Spike	LCSD	LCSD				%Rec		RPD	
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	827.0		mg/Kg		83	70 - 130	0	20	
Diesel Range Organics (Over C10-C28)			1000	927.1		mg/Kg		93	70 - 130	2	20	

	LCSD	LCSD				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	98		70 - 130			
o-Terphenyl (Surr)	108		70 - 130			

Lab Sample ID: 890-8930-49 MS

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: S - 8 (3.0')

Prep Type: Total/NA

Prep Batch: 121032

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	702.4		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	997	816.2		mg/Kg		82	70 - 130		

	MS	MS				
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane (Surr)	87		70 - 130			
o-Terphenyl (Surr)	96		70 - 130			

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Lab Sample ID: 890-8930-49 MSD

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: S - 8 (3.0')

Prep Type: Total/NA

Prep Batch: 121032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	711.4		mg/Kg		71	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	801.3		mg/Kg		80	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	87		70 - 130								
o-Terphenyl (Surr)	95		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-120920/1-A

Matrix: Solid

Analysis Batch: 121051

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			10/13/25 11:49	1

Lab Sample ID: LCS 880-120920/2-A

Matrix: Solid

Analysis Batch: 121051

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	271.1		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-120920/3-A

Matrix: Solid

Analysis Batch: 121051

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	271.0		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 890-8930-1 MS

Matrix: Solid

Analysis Batch: 121051

Client Sample ID: S - 1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3640	F1	1260	5359	F1	mg/Kg		136	90 - 110

Lab Sample ID: 890-8930-1 MSD

Matrix: Solid

Analysis Batch: 121051

Client Sample ID: S - 1 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3640	F1	1260	5416	F1	mg/Kg		141	90 - 110	1	20

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-8930-11 MS

Matrix: Solid

Analysis Batch: 121051

Client Sample ID: S - 2 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1010		252	1223	4	mg/Kg		83	90 - 110

Lab Sample ID: 890-8930-11 MSD

Matrix: Solid

Analysis Batch: 121051

Client Sample ID: S - 2 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1010		252	1211	4	mg/Kg		78	90 - 110	1	20

Lab Sample ID: MB 880-120921/1-A

Matrix: Solid

Analysis Batch: 121064

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			10/13/25 13:59	1

Lab Sample ID: LCS 880-120921/2-A

Matrix: Solid

Analysis Batch: 121064

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.9		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-120921/3-A

Matrix: Solid

Analysis Batch: 121064

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	255.4		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 890-8930-21 MS

Matrix: Solid

Analysis Batch: 121064

Client Sample ID: S - 4 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1320		249	1517	E 4	mg/Kg		79	90 - 110

Lab Sample ID: 890-8930-21 MSD

Matrix: Solid

Analysis Batch: 121064

Client Sample ID: S - 4 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1320		249	1520	E 4	mg/Kg		81	90 - 110	0	20

Lab Sample ID: 890-8930-31 MS

Matrix: Solid

Analysis Batch: 121064

Client Sample ID: S - 5 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3460	F1	1260	4464	F1	mg/Kg		79	90 - 110

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QC Sample Results

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-8930-31 MSD

Matrix: Solid

Analysis Batch: 121064

Client Sample ID: S - 5 (5.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3460	F1	1260	4460	F1	mg/Kg		79	90 - 110	0	20

Lab Sample ID: MB 880-121024/1-A

Matrix: Solid

Analysis Batch: 121077

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			10/13/25 15:15	1

Lab Sample ID: LCS 880-121024/2-A

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.3		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-121024/3-A

Matrix: Solid

Analysis Batch: 121077

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	273.3		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-8930-41 MS

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: S - 7 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	6640	F1	2510	9349		mg/Kg		108	90 - 110

Lab Sample ID: 890-8930-41 MSD

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: S - 7 (3.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	6640	F1	2510	9505	F1	mg/Kg		114	90 - 110	2	20

Lab Sample ID: 890-8930-51 MS

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: S - 8 (5.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2870	F1	1240	4506	F1	mg/Kg		132	90 - 110

Lab Sample ID: 890-8930-51 MSD

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: S - 8 (5.0)

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2870	F1	1240	4399	F1	mg/Kg		123	90 - 110	2	20

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC VOA

Analysis Batch: 121035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-41	S - 7 (3.0')	Total/NA	Solid	8021B	121069
890-8930-42	S - 7 (4.0')	Total/NA	Solid	8021B	121069
890-8930-43	S - 7 (5.0')	Total/NA	Solid	8021B	121069
890-8930-44	S - 7 (6.0')	Total/NA	Solid	8021B	121069
890-8930-45	S - 7 (7.0')	Total/NA	Solid	8021B	121069
890-8930-46	S - 8 (0.1')	Total/NA	Solid	8021B	121069
890-8930-47	S - 8 (1.5')	Total/NA	Solid	8021B	121069
MB 880-121053/5-A	Method Blank	Total/NA	Solid	8021B	121053
MB 880-121069/5-A	Method Blank	Total/NA	Solid	8021B	121069
LCS 880-121069/1-A	Lab Control Sample	Total/NA	Solid	8021B	121069
LCSD 880-121069/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121069
890-8930-41 MS	S - 7 (3.0')	Total/NA	Solid	8021B	121069
890-8930-41 MSD	S - 7 (3.0')	Total/NA	Solid	8021B	121069

Analysis Batch: 121036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-48	S - 8 (2.0')	Total/NA	Solid	8021B	121054
890-8930-49	S - 8 (3.0')	Total/NA	Solid	8021B	121054
890-8930-50	S - 8 (4.0')	Total/NA	Solid	8021B	121054
890-8930-51	S - 8 (5.0)	Total/NA	Solid	8021B	121054
890-8930-52	S - 8 (6.0)	Total/NA	Solid	8021B	121054
MB 880-121054/5-A	Method Blank	Total/NA	Solid	8021B	121054
LCS 880-121054/1-A	Lab Control Sample	Total/NA	Solid	8021B	121054
LCSD 880-121054/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121054
890-8953-A-2-C MS	Matrix Spike	Total/NA	Solid	8021B	121054
890-8953-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121054

Prep Batch: 121053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-121053/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 121054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-48	S - 8 (2.0')	Total/NA	Solid	5035	
890-8930-49	S - 8 (3.0')	Total/NA	Solid	5035	
890-8930-50	S - 8 (4.0')	Total/NA	Solid	5035	
890-8930-51	S - 8 (5.0)	Total/NA	Solid	5035	
890-8930-52	S - 8 (6.0)	Total/NA	Solid	5035	
MB 880-121054/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121054/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121054/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8953-A-2-C MS	Matrix Spike	Total/NA	Solid	5035	
890-8953-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 121062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Total/NA	Solid	5035	
890-8930-2	S - 1 (1.5')	Total/NA	Solid	5035	
890-8930-3	S - 1 (2.0)	Total/NA	Solid	5035	
890-8930-4	S - 1 (3.0')	Total/NA	Solid	5035	
890-8930-5	S - 1 (4.0')	Total/NA	Solid	5035	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC VOA (Continued)

Prep Batch: 121062 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-6	S - 1 (5.0')	Total/NA	Solid	5035	
890-8930-7	S - 1 (6.0')	Total/NA	Solid	5035	
890-8930-8	S - 2 (0-1')	Total/NA	Solid	5035	
890-8930-9	S - 2 (1.5')	Total/NA	Solid	5035	
890-8930-10	S - 2 (2.0')	Total/NA	Solid	5035	
890-8930-11	S - 2 (3.0')	Total/NA	Solid	5035	
890-8930-12	S - 2 (4.0')	Total/NA	Solid	5035	
890-8930-13	S - 2 (5.0')	Total/NA	Solid	5035	
890-8930-14	S - 2 (6.0')	Total/NA	Solid	5035	
890-8930-15	S - 3 (0-1')	Total/NA	Solid	5035	
890-8930-16	S - 3 (1.5')	Total/NA	Solid	5035	
890-8930-17	S - 3 (2.0')	Total/NA	Solid	5035	
890-8930-18	S - 3 (3.0')	Total/NA	Solid	5035	
890-8930-19	S - 3 (4.0')	Total/NA	Solid	5035	
890-8930-20	S - 3 (5.0')	Total/NA	Solid	5035	
MB 880-121062/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121062/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121062/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8930-1 MS	S - 1 (0-1')	Total/NA	Solid	5035	
890-8930-1 MSD	S - 1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 121065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-21	S - 4 (0-1')	Total/NA	Solid	5035	
890-8930-22	S - 4 (1.5')	Total/NA	Solid	5035	
890-8930-23	S - 4 (2.0')	Total/NA	Solid	5035	
890-8930-24	S - 4 (3.0)	Total/NA	Solid	5035	
890-8930-25	S - 4 (4.0')	Total/NA	Solid	5035	
890-8930-26	S - 5 (0-1')	Total/NA	Solid	5035	
890-8930-27	S - 5 (1.5')	Total/NA	Solid	5035	
890-8930-28	S - 5 (2.0')	Total/NA	Solid	5035	
890-8930-29	S - 5 (3.0')	Total/NA	Solid	5035	
890-8930-30	S - 5 (4.0)	Total/NA	Solid	5035	
890-8930-31	S - 5 (5.0')	Total/NA	Solid	5035	
890-8930-32	S - 6 (0-1')	Total/NA	Solid	5035	
890-8930-33	S - 6 (1.5')	Total/NA	Solid	5035	
890-8930-34	S - 6 (2.0')	Total/NA	Solid	5035	
890-8930-35	S - 6 (3.0')	Total/NA	Solid	5035	
890-8930-36	S - 6 (4.0')	Total/NA	Solid	5035	
890-8930-37	S - 6 (5.0')	Total/NA	Solid	5035	
890-8930-38	S - 7 (0-1')	Total/NA	Solid	5035	
890-8930-39	S - 7 (1.5')	Total/NA	Solid	5035	
890-8930-40	S - 7 (2.0')	Total/NA	Solid	5035	
MB 880-121065/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121065/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121065/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8930-21 MS	S - 4 (0-1')	Total/NA	Solid	5035	
890-8930-21 MSD	S - 4 (0-1')	Total/NA	Solid	5035	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC VOA

Prep Batch: 121069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-41	S - 7 (3.0')	Total/NA	Solid	5035	
890-8930-42	S - 7 (4.0')	Total/NA	Solid	5035	
890-8930-43	S - 7 (5.0')	Total/NA	Solid	5035	
890-8930-44	S - 7 (6.0')	Total/NA	Solid	5035	
890-8930-45	S - 7 (7.0')	Total/NA	Solid	5035	
890-8930-46	S - 8 (0.1')	Total/NA	Solid	5035	
890-8930-47	S - 8 (1.5')	Total/NA	Solid	5035	
MB 880-121069/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121069/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121069/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8930-41 MS	S - 7 (3.0')	Total/NA	Solid	5035	
890-8930-41 MSD	S - 7 (3.0')	Total/NA	Solid	5035	

Analysis Batch: 121102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Total/NA	Solid	8021B	121062
890-8930-2	S - 1 (1.5')	Total/NA	Solid	8021B	121062
890-8930-3	S - 1 (2.0')	Total/NA	Solid	8021B	121062
890-8930-4	S - 1 (3.0')	Total/NA	Solid	8021B	121062
890-8930-5	S - 1 (4.0')	Total/NA	Solid	8021B	121062
890-8930-6	S - 1 (5.0')	Total/NA	Solid	8021B	121062
890-8930-7	S - 1 (6.0')	Total/NA	Solid	8021B	121062
890-8930-8	S - 2 (0-1')	Total/NA	Solid	8021B	121062
890-8930-9	S - 2 (1.5')	Total/NA	Solid	8021B	121062
890-8930-10	S - 2 (2.0')	Total/NA	Solid	8021B	121062
890-8930-11	S - 2 (3.0')	Total/NA	Solid	8021B	121062
890-8930-12	S - 2 (4.0')	Total/NA	Solid	8021B	121062
890-8930-13	S - 2 (5.0')	Total/NA	Solid	8021B	121062
890-8930-14	S - 2 (6.0')	Total/NA	Solid	8021B	121062
890-8930-15	S - 3 (0-1')	Total/NA	Solid	8021B	121062
890-8930-16	S - 3 (1.5')	Total/NA	Solid	8021B	121062
890-8930-17	S - 3 (2.0')	Total/NA	Solid	8021B	121062
890-8930-18	S - 3 (3.0')	Total/NA	Solid	8021B	121062
890-8930-19	S - 3 (4.0')	Total/NA	Solid	8021B	121062
890-8930-20	S - 3 (5.0')	Total/NA	Solid	8021B	121062
MB 880-121062/5-A	Method Blank	Total/NA	Solid	8021B	121062
LCS 880-121062/1-A	Lab Control Sample	Total/NA	Solid	8021B	121062
LCSD 880-121062/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121062
890-8930-1 MS	S - 1 (0-1')	Total/NA	Solid	8021B	121062
890-8930-1 MSD	S - 1 (0-1')	Total/NA	Solid	8021B	121062

Analysis Batch: 121114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-21	S - 4 (0-1')	Total/NA	Solid	8021B	121065
890-8930-22	S - 4 (1.5')	Total/NA	Solid	8021B	121065
890-8930-23	S - 4 (2.0')	Total/NA	Solid	8021B	121065
890-8930-24	S - 4 (3.0)	Total/NA	Solid	8021B	121065
890-8930-25	S - 4 (4.0')	Total/NA	Solid	8021B	121065
890-8930-26	S - 5 (0-1')	Total/NA	Solid	8021B	121065
890-8930-27	S - 5 (1.5')	Total/NA	Solid	8021B	121065
890-8930-28	S - 5 (2.0')	Total/NA	Solid	8021B	121065

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC VOA (Continued)

Analysis Batch: 121114 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-29	S - 5 (3.0')	Total/NA	Solid	8021B	121065
890-8930-30	S - 5 (4.0)	Total/NA	Solid	8021B	121065
890-8930-31	S - 5 (5.0')	Total/NA	Solid	8021B	121065
890-8930-32	S - 6 (0-1')	Total/NA	Solid	8021B	121065
890-8930-33	S - 6 (1.5')	Total/NA	Solid	8021B	121065
890-8930-34	S - 6 (2.0')	Total/NA	Solid	8021B	121065
890-8930-35	S - 6 (3.0')	Total/NA	Solid	8021B	121065
890-8930-36	S - 6 (4.0')	Total/NA	Solid	8021B	121065
890-8930-37	S - 6 (5.0')	Total/NA	Solid	8021B	121065
890-8930-38	S - 7 (0-1')	Total/NA	Solid	8021B	121065
890-8930-39	S - 7 (1.5')	Total/NA	Solid	8021B	121065
890-8930-40	S - 7 (2.0')	Total/NA	Solid	8021B	121065
MB 880-121065/5-A	Method Blank	Total/NA	Solid	8021B	121065
LCS 880-121065/1-A	Lab Control Sample	Total/NA	Solid	8021B	121065
LCSD 880-121065/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121065
890-8930-21 MS	S - 4 (0-1')	Total/NA	Solid	8021B	121065
890-8930-21 MSD	S - 4 (0-1')	Total/NA	Solid	8021B	121065

Analysis Batch: 121176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-2	S - 1 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-3	S - 1 (2.0)	Total/NA	Solid	Total BTEX	
890-8930-4	S - 1 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-5	S - 1 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-6	S - 1 (5.0')	Total/NA	Solid	Total BTEX	
890-8930-7	S - 1 (6.0')	Total/NA	Solid	Total BTEX	
890-8930-8	S - 2 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-9	S - 2 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-10	S - 2 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-11	S - 2 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-12	S - 2 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-13	S - 2 (5.0')	Total/NA	Solid	Total BTEX	
890-8930-14	S - 2 (6.0')	Total/NA	Solid	Total BTEX	
890-8930-15	S - 3 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-16	S - 3 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-17	S - 3 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-18	S - 3 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-19	S - 3 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-20	S - 3 (5.0')	Total/NA	Solid	Total BTEX	
890-8930-21	S - 4 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-22	S - 4 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-23	S - 4 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-24	S - 4 (3.0)	Total/NA	Solid	Total BTEX	
890-8930-25	S - 4 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-26	S - 5 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-27	S - 5 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-28	S - 5 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-29	S - 5 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-30	S - 5 (4.0)	Total/NA	Solid	Total BTEX	
890-8930-31	S - 5 (5.0')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC VOA (Continued)

Analysis Batch: 121176 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-32	S - 6 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-33	S - 6 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-34	S - 6 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-35	S - 6 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-36	S - 6 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-37	S - 6 (5.0')	Total/NA	Solid	Total BTEX	
890-8930-38	S - 7 (0-1')	Total/NA	Solid	Total BTEX	
890-8930-39	S - 7 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-40	S - 7 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-41	S - 7 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-42	S - 7 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-43	S - 7 (5.0')	Total/NA	Solid	Total BTEX	
890-8930-44	S - 7 (6.0')	Total/NA	Solid	Total BTEX	
890-8930-45	S - 7 (7.0')	Total/NA	Solid	Total BTEX	
890-8930-46	S - 8 (0.1')	Total/NA	Solid	Total BTEX	
890-8930-47	S - 8 (1.5')	Total/NA	Solid	Total BTEX	
890-8930-48	S - 8 (2.0')	Total/NA	Solid	Total BTEX	
890-8930-49	S - 8 (3.0')	Total/NA	Solid	Total BTEX	
890-8930-50	S - 8 (4.0')	Total/NA	Solid	Total BTEX	
890-8930-51	S - 8 (5.0)	Total/NA	Solid	Total BTEX	
890-8930-52	S - 8 (6.0)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Total/NA	Solid	8015NM Prep	
890-8930-2	S - 1 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-3	S - 1 (2.0)	Total/NA	Solid	8015NM Prep	
890-8930-4	S - 1 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-5	S - 1 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-6	S - 1 (5.0')	Total/NA	Solid	8015NM Prep	
890-8930-7	S - 1 (6.0')	Total/NA	Solid	8015NM Prep	
890-8930-8	S - 2 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-121008/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121008/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121008/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8929-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8929-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 121022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-9	S - 2 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-10	S - 2 (2.0')	Total/NA	Solid	8015NM Prep	
890-8930-11	S - 2 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-12	S - 2 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-13	S - 2 (5.0')	Total/NA	Solid	8015NM Prep	
890-8930-14	S - 2 (6.0')	Total/NA	Solid	8015NM Prep	
890-8930-15	S - 3 (0-1')	Total/NA	Solid	8015NM Prep	
890-8930-16	S - 3 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-17	S - 3 (2.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC Semi VOA (Continued)

Prep Batch: 121022 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-18	S - 3 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-19	S - 3 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-20	S - 3 (5.0')	Total/NA	Solid	8015NM Prep	
890-8930-21	S - 4 (0-1')	Total/NA	Solid	8015NM Prep	
890-8930-22	S - 4 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-23	S - 4 (2.0')	Total/NA	Solid	8015NM Prep	
890-8930-24	S - 4 (3.0)	Total/NA	Solid	8015NM Prep	
890-8930-25	S - 4 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-26	S - 5 (0-1')	Total/NA	Solid	8015NM Prep	
890-8930-27	S - 5 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-28	S - 5 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-121022/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121022/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8930-9 MS	S - 2 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-9 MSD	S - 2 (1.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-29	S - 5 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-30	S - 5 (4.0)	Total/NA	Solid	8015NM Prep	
890-8930-31	S - 5 (5.0')	Total/NA	Solid	8015NM Prep	
890-8930-32	S - 6 (0-1')	Total/NA	Solid	8015NM Prep	
890-8930-33	S - 6 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-34	S - 6 (2.0')	Total/NA	Solid	8015NM Prep	
890-8930-35	S - 6 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-36	S - 6 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-37	S - 6 (5.0')	Total/NA	Solid	8015NM Prep	
890-8930-38	S - 7 (0-1')	Total/NA	Solid	8015NM Prep	
890-8930-39	S - 7 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-40	S - 7 (2.0')	Total/NA	Solid	8015NM Prep	
890-8930-41	S - 7 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-42	S - 7 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-43	S - 7 (5.0')	Total/NA	Solid	8015NM Prep	
890-8930-44	S - 7 (6.0')	Total/NA	Solid	8015NM Prep	
890-8930-45	S - 7 (7.0')	Total/NA	Solid	8015NM Prep	
890-8930-46	S - 8 (0.1')	Total/NA	Solid	8015NM Prep	
890-8930-47	S - 8 (1.5')	Total/NA	Solid	8015NM Prep	
890-8930-48	S - 8 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-121025/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121025/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121025/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8930-29 MS	S - 5 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-29 MSD	S - 5 (3.0')	Total/NA	Solid	8015NM Prep	

Prep Batch: 121032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-49	S - 8 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-50	S - 8 (4.0')	Total/NA	Solid	8015NM Prep	
890-8930-51	S - 8 (5.0)	Total/NA	Solid	8015NM Prep	
890-8930-52	S - 8 (6.0)	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC Semi VOA (Continued)

Prep Batch: 121032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-121032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8930-49 MS	S - 8 (3.0')	Total/NA	Solid	8015NM Prep	
890-8930-49 MSD	S - 8 (3.0')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-49	S - 8 (3.0')	Total/NA	Solid	8015B NM	121032
890-8930-50	S - 8 (4.0')	Total/NA	Solid	8015B NM	121032
890-8930-51	S - 8 (5.0)	Total/NA	Solid	8015B NM	121032
890-8930-52	S - 8 (6.0)	Total/NA	Solid	8015B NM	121032
MB 880-121032/1-A	Method Blank	Total/NA	Solid	8015B NM	121032
LCS 880-121032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121032
LCSD 880-121032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121032
890-8930-49 MS	S - 8 (3.0')	Total/NA	Solid	8015B NM	121032
890-8930-49 MSD	S - 8 (3.0')	Total/NA	Solid	8015B NM	121032

Analysis Batch: 121139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Total/NA	Solid	8015B NM	121008
890-8930-2	S - 1 (1.5')	Total/NA	Solid	8015B NM	121008
890-8930-3	S - 1 (2.0)	Total/NA	Solid	8015B NM	121008
890-8930-4	S - 1 (3.0')	Total/NA	Solid	8015B NM	121008
890-8930-5	S - 1 (4.0')	Total/NA	Solid	8015B NM	121008
890-8930-6	S - 1 (5.0')	Total/NA	Solid	8015B NM	121008
890-8930-7	S - 1 (6.0')	Total/NA	Solid	8015B NM	121008
890-8930-8	S - 2 (0-1')	Total/NA	Solid	8015B NM	121008
MB 880-121008/1-A	Method Blank	Total/NA	Solid	8015B NM	121008
LCS 880-121008/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121008
LCSD 880-121008/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121008
890-8929-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	121008
890-8929-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121008

Analysis Batch: 121225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-9	S - 2 (1.5')	Total/NA	Solid	8015B NM	121022
890-8930-10	S - 2 (2.0')	Total/NA	Solid	8015B NM	121022
890-8930-11	S - 2 (3.0')	Total/NA	Solid	8015B NM	121022
890-8930-12	S - 2 (4.0')	Total/NA	Solid	8015B NM	121022
890-8930-13	S - 2 (5.0')	Total/NA	Solid	8015B NM	121022
890-8930-14	S - 2 (6.0')	Total/NA	Solid	8015B NM	121022
890-8930-15	S - 3 (0-1')	Total/NA	Solid	8015B NM	121022
890-8930-16	S - 3 (1.5')	Total/NA	Solid	8015B NM	121022
890-8930-17	S - 3 (2.0')	Total/NA	Solid	8015B NM	121022
890-8930-18	S - 3 (3.0')	Total/NA	Solid	8015B NM	121022
890-8930-19	S - 3 (4.0')	Total/NA	Solid	8015B NM	121022
890-8930-20	S - 3 (5.0')	Total/NA	Solid	8015B NM	121022
890-8930-21	S - 4 (0-1')	Total/NA	Solid	8015B NM	121022
890-8930-22	S - 4 (1.5')	Total/NA	Solid	8015B NM	121022
890-8930-23	S - 4 (2.0')	Total/NA	Solid	8015B NM	121022

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC Semi VOA (Continued)

Analysis Batch: 121225 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-24	S - 4 (3.0')	Total/NA	Solid	8015B NM	121022
890-8930-25	S - 4 (4.0')	Total/NA	Solid	8015B NM	121022
890-8930-26	S - 5 (0-1')	Total/NA	Solid	8015B NM	121022
890-8930-27	S - 5 (1.5')	Total/NA	Solid	8015B NM	121022
890-8930-28	S - 5 (2.0')	Total/NA	Solid	8015B NM	121022
890-8930-29	S - 5 (3.0')	Total/NA	Solid	8015B NM	121025
890-8930-30	S - 5 (4.0')	Total/NA	Solid	8015B NM	121025
890-8930-31	S - 5 (5.0')	Total/NA	Solid	8015B NM	121025
890-8930-32	S - 6 (0-1')	Total/NA	Solid	8015B NM	121025
890-8930-33	S - 6 (1.5')	Total/NA	Solid	8015B NM	121025
890-8930-34	S - 6 (2.0')	Total/NA	Solid	8015B NM	121025
890-8930-35	S - 6 (3.0')	Total/NA	Solid	8015B NM	121025
890-8930-36	S - 6 (4.0')	Total/NA	Solid	8015B NM	121025
890-8930-37	S - 6 (5.0')	Total/NA	Solid	8015B NM	121025
890-8930-38	S - 7 (0-1')	Total/NA	Solid	8015B NM	121025
890-8930-39	S - 7 (1.5')	Total/NA	Solid	8015B NM	121025
890-8930-40	S - 7 (2.0')	Total/NA	Solid	8015B NM	121025
890-8930-41	S - 7 (3.0')	Total/NA	Solid	8015B NM	121025
890-8930-42	S - 7 (4.0')	Total/NA	Solid	8015B NM	121025
890-8930-43	S - 7 (5.0')	Total/NA	Solid	8015B NM	121025
890-8930-44	S - 7 (6.0')	Total/NA	Solid	8015B NM	121025
890-8930-45	S - 7 (7.0')	Total/NA	Solid	8015B NM	121025
890-8930-46	S - 8 (0.1')	Total/NA	Solid	8015B NM	121025
890-8930-47	S - 8 (1.5')	Total/NA	Solid	8015B NM	121025
890-8930-48	S - 8 (2.0')	Total/NA	Solid	8015B NM	121025
MB 880-121022/1-A	Method Blank	Total/NA	Solid	8015B NM	121022
MB 880-121025/1-A	Method Blank	Total/NA	Solid	8015B NM	121025
LCS 880-121022/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121022
LCS 880-121025/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121025
LCSD 880-121022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121022
LCSD 880-121025/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121025
890-8930-9 MS	S - 2 (1.5')	Total/NA	Solid	8015B NM	121022
890-8930-9 MSD	S - 2 (1.5')	Total/NA	Solid	8015B NM	121022
890-8930-29 MS	S - 5 (3.0')	Total/NA	Solid	8015B NM	121025
890-8930-29 MSD	S - 5 (3.0')	Total/NA	Solid	8015B NM	121025

Analysis Batch: 121229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Total/NA	Solid	8015 NM	
890-8930-2	S - 1 (1.5')	Total/NA	Solid	8015 NM	
890-8930-3	S - 1 (2.0')	Total/NA	Solid	8015 NM	
890-8930-4	S - 1 (3.0')	Total/NA	Solid	8015 NM	
890-8930-5	S - 1 (4.0')	Total/NA	Solid	8015 NM	
890-8930-6	S - 1 (5.0')	Total/NA	Solid	8015 NM	
890-8930-7	S - 1 (6.0')	Total/NA	Solid	8015 NM	
890-8930-8	S - 2 (0-1')	Total/NA	Solid	8015 NM	
890-8930-9	S - 2 (1.5')	Total/NA	Solid	8015 NM	
890-8930-10	S - 2 (2.0')	Total/NA	Solid	8015 NM	
890-8930-11	S - 2 (3.0')	Total/NA	Solid	8015 NM	
890-8930-12	S - 2 (4.0')	Total/NA	Solid	8015 NM	
890-8930-13	S - 2 (5.0')	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

GC Semi VOA (Continued)

Analysis Batch: 121229 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-14	S - 2 (6.0')	Total/NA	Solid	8015 NM	
890-8930-15	S - 3 (0-1')	Total/NA	Solid	8015 NM	
890-8930-16	S - 3 (1.5')	Total/NA	Solid	8015 NM	
890-8930-17	S - 3 (2.0')	Total/NA	Solid	8015 NM	
890-8930-18	S - 3 (3.0')	Total/NA	Solid	8015 NM	
890-8930-19	S - 3 (4.0')	Total/NA	Solid	8015 NM	
890-8930-20	S - 3 (5.0')	Total/NA	Solid	8015 NM	
890-8930-21	S - 4 (0-1')	Total/NA	Solid	8015 NM	
890-8930-22	S - 4 (1.5')	Total/NA	Solid	8015 NM	
890-8930-23	S - 4 (2.0')	Total/NA	Solid	8015 NM	
890-8930-24	S - 4 (3.0)	Total/NA	Solid	8015 NM	
890-8930-25	S - 4 (4.0')	Total/NA	Solid	8015 NM	
890-8930-26	S - 5 (0-1')	Total/NA	Solid	8015 NM	
890-8930-27	S - 5 (1.5')	Total/NA	Solid	8015 NM	
890-8930-28	S - 5 (2.0')	Total/NA	Solid	8015 NM	
890-8930-29	S - 5 (3.0')	Total/NA	Solid	8015 NM	
890-8930-30	S - 5 (4.0)	Total/NA	Solid	8015 NM	
890-8930-31	S - 5 (5.0')	Total/NA	Solid	8015 NM	
890-8930-32	S - 6 (0-1')	Total/NA	Solid	8015 NM	
890-8930-33	S - 6 (1.5')	Total/NA	Solid	8015 NM	
890-8930-34	S - 6 (2.0')	Total/NA	Solid	8015 NM	
890-8930-35	S - 6 (3.0')	Total/NA	Solid	8015 NM	
890-8930-36	S - 6 (4.0')	Total/NA	Solid	8015 NM	
890-8930-37	S - 6 (5.0')	Total/NA	Solid	8015 NM	
890-8930-38	S - 7 (0-1')	Total/NA	Solid	8015 NM	
890-8930-39	S - 7 (1.5')	Total/NA	Solid	8015 NM	
890-8930-40	S - 7 (2.0')	Total/NA	Solid	8015 NM	
890-8930-41	S - 7 (3.0')	Total/NA	Solid	8015 NM	
890-8930-42	S - 7 (4.0')	Total/NA	Solid	8015 NM	
890-8930-43	S - 7 (5.0')	Total/NA	Solid	8015 NM	
890-8930-44	S - 7 (6.0')	Total/NA	Solid	8015 NM	
890-8930-45	S - 7 (7.0')	Total/NA	Solid	8015 NM	
890-8930-46	S - 8 (0.1')	Total/NA	Solid	8015 NM	
890-8930-47	S - 8 (1.5')	Total/NA	Solid	8015 NM	
890-8930-48	S - 8 (2.0')	Total/NA	Solid	8015 NM	
890-8930-49	S - 8 (3.0')	Total/NA	Solid	8015 NM	
890-8930-50	S - 8 (4.0')	Total/NA	Solid	8015 NM	
890-8930-51	S - 8 (5.0)	Total/NA	Solid	8015 NM	
890-8930-52	S - 8 (6.0)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 120920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Soluble	Solid	DI Leach	
890-8930-2	S - 1 (1.5')	Soluble	Solid	DI Leach	
890-8930-3	S - 1 (2.0)	Soluble	Solid	DI Leach	
890-8930-4	S - 1 (3.0')	Soluble	Solid	DI Leach	
890-8930-5	S - 1 (4.0')	Soluble	Solid	DI Leach	
890-8930-6	S - 1 (5.0')	Soluble	Solid	DI Leach	
890-8930-7	S - 1 (6.0')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

HPLC/IC (Continued)

Leach Batch: 120920 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-8	S - 2 (0-1')	Soluble	Solid	DI Leach	
890-8930-9	S - 2 (1.5')	Soluble	Solid	DI Leach	
890-8930-10	S - 2 (2.0')	Soluble	Solid	DI Leach	
890-8930-11	S - 2 (3.0')	Soluble	Solid	DI Leach	
890-8930-12	S - 2 (4.0')	Soluble	Solid	DI Leach	
890-8930-13	S - 2 (5.0')	Soluble	Solid	DI Leach	
890-8930-14	S - 2 (6.0')	Soluble	Solid	DI Leach	
890-8930-15	S - 3 (0-1')	Soluble	Solid	DI Leach	
890-8930-16	S - 3 (1.5')	Soluble	Solid	DI Leach	
890-8930-17	S - 3 (2.0')	Soluble	Solid	DI Leach	
890-8930-18	S - 3 (3.0')	Soluble	Solid	DI Leach	
890-8930-19	S - 3 (4.0')	Soluble	Solid	DI Leach	
890-8930-20	S - 3 (5.0')	Soluble	Solid	DI Leach	
MB 880-120920/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120920/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120920/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8930-1 MS	S - 1 (0-1')	Soluble	Solid	DI Leach	
890-8930-1 MSD	S - 1 (0-1')	Soluble	Solid	DI Leach	
890-8930-11 MS	S - 2 (3.0')	Soluble	Solid	DI Leach	
890-8930-11 MSD	S - 2 (3.0')	Soluble	Solid	DI Leach	

Leach Batch: 120921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-21	S - 4 (0-1')	Soluble	Solid	DI Leach	
890-8930-22	S - 4 (1.5')	Soluble	Solid	DI Leach	
890-8930-23	S - 4 (2.0')	Soluble	Solid	DI Leach	
890-8930-24	S - 4 (3.0')	Soluble	Solid	DI Leach	
890-8930-25	S - 4 (4.0')	Soluble	Solid	DI Leach	
890-8930-26	S - 5 (0-1')	Soluble	Solid	DI Leach	
890-8930-27	S - 5 (1.5')	Soluble	Solid	DI Leach	
890-8930-28	S - 5 (2.0')	Soluble	Solid	DI Leach	
890-8930-29	S - 5 (3.0')	Soluble	Solid	DI Leach	
890-8930-30	S - 5 (4.0')	Soluble	Solid	DI Leach	
890-8930-31	S - 5 (5.0')	Soluble	Solid	DI Leach	
890-8930-32	S - 6 (0-1')	Soluble	Solid	DI Leach	
890-8930-33	S - 6 (1.5')	Soluble	Solid	DI Leach	
890-8930-34	S - 6 (2.0')	Soluble	Solid	DI Leach	
890-8930-35	S - 6 (3.0')	Soluble	Solid	DI Leach	
890-8930-36	S - 6 (4.0')	Soluble	Solid	DI Leach	
890-8930-37	S - 6 (5.0')	Soluble	Solid	DI Leach	
890-8930-38	S - 7 (0-1')	Soluble	Solid	DI Leach	
890-8930-39	S - 7 (1.5')	Soluble	Solid	DI Leach	
890-8930-40	S - 7 (2.0')	Soluble	Solid	DI Leach	
MB 880-120921/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-120921/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-120921/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8930-21 MS	S - 4 (0-1')	Soluble	Solid	DI Leach	
890-8930-21 MSD	S - 4 (0-1')	Soluble	Solid	DI Leach	
890-8930-31 MS	S - 5 (5.0')	Soluble	Solid	DI Leach	
890-8930-31 MSD	S - 5 (5.0')	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

HPLC/IC

Leach Batch: 121024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-41	S - 7 (3.0')	Soluble	Solid	DI Leach	
890-8930-42	S - 7 (4.0')	Soluble	Solid	DI Leach	
890-8930-43	S - 7 (5.0')	Soluble	Solid	DI Leach	
890-8930-44	S - 7 (6.0')	Soluble	Solid	DI Leach	
890-8930-45	S - 7 (7.0')	Soluble	Solid	DI Leach	
890-8930-46	S - 8 (0.1')	Soluble	Solid	DI Leach	
890-8930-47	S - 8 (1.5')	Soluble	Solid	DI Leach	
890-8930-48	S - 8 (2.0')	Soluble	Solid	DI Leach	
890-8930-49	S - 8 (3.0')	Soluble	Solid	DI Leach	
890-8930-50	S - 8 (4.0')	Soluble	Solid	DI Leach	
890-8930-51	S - 8 (5.0)	Soluble	Solid	DI Leach	
890-8930-52	S - 8 (6.0)	Soluble	Solid	DI Leach	
MB 880-121024/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121024/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121024/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8930-41 MS	S - 7 (3.0')	Soluble	Solid	DI Leach	
890-8930-41 MSD	S - 7 (3.0')	Soluble	Solid	DI Leach	
890-8930-51 MS	S - 8 (5.0)	Soluble	Solid	DI Leach	
890-8930-51 MSD	S - 8 (5.0)	Soluble	Solid	DI Leach	

Analysis Batch: 121051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-1	S - 1 (0-1')	Soluble	Solid	300.0	120920
890-8930-2	S - 1 (1.5')	Soluble	Solid	300.0	120920
890-8930-3	S - 1 (2.0)	Soluble	Solid	300.0	120920
890-8930-4	S - 1 (3.0')	Soluble	Solid	300.0	120920
890-8930-5	S - 1 (4.0')	Soluble	Solid	300.0	120920
890-8930-6	S - 1 (5.0')	Soluble	Solid	300.0	120920
890-8930-7	S - 1 (6.0')	Soluble	Solid	300.0	120920
890-8930-8	S - 2 (0-1')	Soluble	Solid	300.0	120920
890-8930-9	S - 2 (1.5')	Soluble	Solid	300.0	120920
890-8930-10	S - 2 (2.0')	Soluble	Solid	300.0	120920
890-8930-11	S - 2 (3.0')	Soluble	Solid	300.0	120920
890-8930-12	S - 2 (4.0')	Soluble	Solid	300.0	120920
890-8930-13	S - 2 (5.0')	Soluble	Solid	300.0	120920
890-8930-14	S - 2 (6.0')	Soluble	Solid	300.0	120920
890-8930-15	S - 3 (0-1')	Soluble	Solid	300.0	120920
890-8930-16	S - 3 (1.5')	Soluble	Solid	300.0	120920
890-8930-17	S - 3 (2.0')	Soluble	Solid	300.0	120920
890-8930-18	S - 3 (3.0')	Soluble	Solid	300.0	120920
890-8930-19	S - 3 (4.0')	Soluble	Solid	300.0	120920
890-8930-20	S - 3 (5.0')	Soluble	Solid	300.0	120920
MB 880-120920/1-A	Method Blank	Soluble	Solid	300.0	120920
LCS 880-120920/2-A	Lab Control Sample	Soluble	Solid	300.0	120920
LCSD 880-120920/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120920
890-8930-1 MS	S - 1 (0-1')	Soluble	Solid	300.0	120920
890-8930-1 MSD	S - 1 (0-1')	Soluble	Solid	300.0	120920
890-8930-11 MS	S - 2 (3.0')	Soluble	Solid	300.0	120920
890-8930-11 MSD	S - 2 (3.0')	Soluble	Solid	300.0	120920

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QC Association Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

HPLC/IC

Analysis Batch: 121064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-21	S - 4 (0-1')	Soluble	Solid	300.0	120921
890-8930-22	S - 4 (1.5')	Soluble	Solid	300.0	120921
890-8930-23	S - 4 (2.0')	Soluble	Solid	300.0	120921
890-8930-24	S - 4 (3.0)	Soluble	Solid	300.0	120921
890-8930-25	S - 4 (4.0')	Soluble	Solid	300.0	120921
890-8930-26	S - 5 (0-1')	Soluble	Solid	300.0	120921
890-8930-27	S - 5 (1.5')	Soluble	Solid	300.0	120921
890-8930-28	S - 5 (2.0')	Soluble	Solid	300.0	120921
890-8930-29	S - 5 (3.0')	Soluble	Solid	300.0	120921
890-8930-30	S - 5 (4.0)	Soluble	Solid	300.0	120921
890-8930-31	S - 5 (5.0')	Soluble	Solid	300.0	120921
890-8930-32	S - 6 (0-1')	Soluble	Solid	300.0	120921
890-8930-33	S - 6 (1.5')	Soluble	Solid	300.0	120921
890-8930-34	S - 6 (2.0')	Soluble	Solid	300.0	120921
890-8930-35	S - 6 (3.0')	Soluble	Solid	300.0	120921
890-8930-36	S - 6 (4.0')	Soluble	Solid	300.0	120921
890-8930-37	S - 6 (5.0')	Soluble	Solid	300.0	120921
890-8930-38	S - 7 (0-1')	Soluble	Solid	300.0	120921
890-8930-39	S - 7 (1.5')	Soluble	Solid	300.0	120921
890-8930-40	S - 7 (2.0')	Soluble	Solid	300.0	120921
MB 880-120921/1-A	Method Blank	Soluble	Solid	300.0	120921
LCS 880-120921/2-A	Lab Control Sample	Soluble	Solid	300.0	120921
LCSD 880-120921/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	120921
890-8930-21 MS	S - 4 (0-1')	Soluble	Solid	300.0	120921
890-8930-21 MSD	S - 4 (0-1')	Soluble	Solid	300.0	120921
890-8930-31 MS	S - 5 (5.0')	Soluble	Solid	300.0	120921
890-8930-31 MSD	S - 5 (5.0')	Soluble	Solid	300.0	120921

Analysis Batch: 121077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-41	S - 7 (3.0')	Soluble	Solid	300.0	121024
890-8930-42	S - 7 (4.0')	Soluble	Solid	300.0	121024
890-8930-43	S - 7 (5.0')	Soluble	Solid	300.0	121024
890-8930-44	S - 7 (6.0')	Soluble	Solid	300.0	121024
890-8930-45	S - 7 (7.0')	Soluble	Solid	300.0	121024
890-8930-46	S - 8 (0.1')	Soluble	Solid	300.0	121024
890-8930-47	S - 8 (1.5')	Soluble	Solid	300.0	121024
890-8930-48	S - 8 (2.0')	Soluble	Solid	300.0	121024
890-8930-49	S - 8 (3.0')	Soluble	Solid	300.0	121024
890-8930-50	S - 8 (4.0')	Soluble	Solid	300.0	121024
890-8930-51	S - 8 (5.0)	Soluble	Solid	300.0	121024
890-8930-52	S - 8 (6.0)	Soluble	Solid	300.0	121024
MB 880-121024/1-A	Method Blank	Soluble	Solid	300.0	121024
LCS 880-121024/2-A	Lab Control Sample	Soluble	Solid	300.0	121024
LCSD 880-121024/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121024
890-8930-41 MS	S - 7 (3.0')	Soluble	Solid	300.0	121024
890-8930-41 MSD	S - 7 (3.0')	Soluble	Solid	300.0	121024
890-8930-51 MS	S - 8 (5.0)	Soluble	Solid	300.0	121024
890-8930-51 MSD	S - 8 (5.0)	Soluble	Solid	300.0	121024

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (0-1')

Lab Sample ID: 890-8930-1

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 19:45	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 15:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 15:16	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 12:06	CS	EET MID

Client Sample ID: S - 1 (1.5')

Lab Sample ID: 890-8930-2

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 20:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 15:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 15:31	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 12:24	CS	EET MID

Client Sample ID: S - 1 (2.0)

Lab Sample ID: 890-8930-3

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 20:26	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 15:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 15:46	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 12:30	CS	EET MID

Client Sample ID: S - 1 (3.0')

Lab Sample ID: 890-8930-4

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 20:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 20:46	SA	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (3.0')

Lab Sample ID: 890-8930-4

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			121229	10/14/25 16:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 16:01	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 12:36	CS	EET MID

Client Sample ID: S - 1 (4.0')

Lab Sample ID: 890-8930-5

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 21:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 21:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 16:16	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 16:16	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 12:42	CS	EET MID

Client Sample ID: S - 1 (5.0')

Lab Sample ID: 890-8930-6

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 21:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 16:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 16:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 12:59	CS	EET MID

Client Sample ID: S - 1 (6.0')

Lab Sample ID: 890-8930-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 21:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 16:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 16:45	FC	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 1 (6.0')

Lab Sample ID: 890-8930-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 13:05	CS	EET MID

Client Sample ID: S - 2 (0-1')

Lab Sample ID: 890-8930-8

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 22:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/14/25 17:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121008	10/10/25 16:56	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121139	10/14/25 17:00	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		10			121051	10/13/25 13:11	CS	EET MID

Client Sample ID: S - 2 (1.5')

Lab Sample ID: 890-8930-9

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 22:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 01:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 01:37	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 13:17	CS	EET MID

Client Sample ID: S - 2 (2.0')

Lab Sample ID: 890-8930-10

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/13/25 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 22:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 02:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 02:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 13:23	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (3.0')

Lab Sample ID: 890-8930-11

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 00:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 00:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 02:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 02:35	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 13:29	CS	EET MID

Client Sample ID: S - 2 (4.0')

Lab Sample ID: 890-8930-12

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 01:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 01:00	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 02:48	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 13:46	CS	EET MID

Client Sample ID: S - 2 (5.0')

Lab Sample ID: 890-8930-13

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 01:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 01:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 03:03	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 13:52	CS	EET MID

Client Sample ID: S - 2 (6.0')

Lab Sample ID: 890-8930-14

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 01:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 01:41	SA	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 2 (6.0')

Lab Sample ID: 890-8930-14

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			121229	10/16/25 03:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 03:17	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 14:10	CS	EET MID

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

Lab Sample ID: 890-8930-15

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 02:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 02:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 03:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 03:31	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 14:16	CS	EET MID

Client Sample ID: S - 3 (1.5')

Lab Sample ID: 890-8930-16

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 02:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 02:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 03:45	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 03:45	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 14:22	CS	EET MID

Client Sample ID: S - 3 (2.0')

Lab Sample ID: 890-8930-17

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 02:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 02:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 03:59	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 03:59	FC	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 3 (2.0')

Lab Sample ID: 890-8930-17

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		1			121051	10/13/25 14:27	CS	EET MID

Client Sample ID: S - 3 (3.0')

Lab Sample ID: 890-8930-18

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 03:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 03:02	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 04:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 04:13	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 14:33	CS	EET MID

Client Sample ID: S - 3 (4.0')

Lab Sample ID: 890-8930-19

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 03:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 03:23	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 04:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 04:42	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 14:39	CS	EET MID

Client Sample ID: S - 3 (5.0')

Lab Sample ID: 890-8930-20

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121062	10/13/25 11:31	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121102	10/14/25 03:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 03:43	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 04:56	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 04:56	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120920	10/10/25 10:05	SA	EET MID
Soluble	Analysis	300.0		5			121051	10/13/25 14:45	CS	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 4 (0-1')

Lab Sample ID: 890-8930-21

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 11:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 11:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 05:10	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 05:10	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1			121064	10/13/25 14:14	CS	EET MID

Client Sample ID: S - 4 (1.5')

Lab Sample ID: 890-8930-22

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 12:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 12:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 05:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 05:24	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1			121064	10/13/25 14:30	CS	EET MID

Client Sample ID: S - 4 (2.0')

Lab Sample ID: 890-8930-23

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 12:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 12:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 05:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 05:39	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1			121064	10/13/25 14:35	CS	EET MID

Client Sample ID: S - 4 (3.0)

Lab Sample ID: 890-8930-24

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 12:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 12:58	SA	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 4 (3.0)

Lab Sample ID: 890-8930-24

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			121229	10/16/25 05:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 05:53	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1			121064	10/13/25 14:41	CS	EET MID

Client Sample ID: S - 4 (4.0')

Lab Sample ID: 890-8930-25

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 13:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 13:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 06:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 06:09	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1			121064	10/13/25 14:46	CS	EET MID

Client Sample ID: S - 5 (0-1')

Lab Sample ID: 890-8930-26

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 13:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 13:39	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 06:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 06:22	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		10			121064	10/13/25 16:10	CS	EET MID

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-8930-27

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 13:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 13:59	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 06:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 06:37	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (1.5')

Lab Sample ID: 890-8930-27

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:07	CS	EET MID

Client Sample ID: S - 5 (2.0')

Lab Sample ID: 890-8930-28

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 14:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 14:20	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/16/25 06:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121022	10/13/25 08:03	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/16/25 06:51	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:12	CS	EET MID

Client Sample ID: S - 5 (3.0')

Lab Sample ID: 890-8930-29

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 14:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 14:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 18:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 18:26	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:17	CS	EET MID

Client Sample ID: S - 5 (4.0)

Lab Sample ID: 890-8930-30

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 15:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 15:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 19:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 19:08	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:23	CS	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 5 (5.0')
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 16:50

Lab Sample ID: 890-8930-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 16:34	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 19:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 19:22	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:28	CS	EET MID

Client Sample ID: S - 6 (0-1')
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 16:50

Lab Sample ID: 890-8930-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 16:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 16:55	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 19:36	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 19:36	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:44	CS	EET MID

Client Sample ID: S - 6 (1.5')
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 16:50

Lab Sample ID: 890-8930-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 17:15	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 19:51	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 19:51	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 15:54	CS	EET MID

Client Sample ID: S - 6 (2.0')
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 16:50

Lab Sample ID: 890-8930-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 17:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 17:36	SA	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 6 (2.0')

Lab Sample ID: 890-8930-34

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			121229	10/15/25 20:05	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 20:05	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 16:15	CS	EET MID

Client Sample ID: S - 6 (3.0')

Lab Sample ID: 890-8930-35

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 17:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 17:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 20:20	SA	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 20:20	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 16:20	CS	EET MID

Client Sample ID: S - 6 (4.0')

Lab Sample ID: 890-8930-36

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 18:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 18:16	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 20:34	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 20:34	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1			121064	10/13/25 16:26	CS	EET MID

Client Sample ID: S - 6 (5.0')

Lab Sample ID: 890-8930-37

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 18:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 18:37	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 20:49	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 20:49	FC	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 6 (5.0')

Lab Sample ID: 890-8930-37

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	121064	10/13/25 16:31	CS	EET MID

Client Sample ID: S - 7 (0-1')

Lab Sample ID: 890-8930-38

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 18:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 18:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 21:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 21:02	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		10			121064	10/13/25 16:36	CS	EET MID

Client Sample ID: S - 7 (1.5')

Lab Sample ID: 890-8930-39

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 19:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 19:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 21:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 21:32	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 16:42	CS	EET MID

Client Sample ID: S - 7 (2.0')

Lab Sample ID: 890-8930-40

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121065	10/13/25 11:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121114	10/14/25 19:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 19:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 21:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 21:48	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	120921	10/10/25 10:07	SA	EET MID
Soluble	Analysis	300.0		5			121064	10/13/25 16:47	CS	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (3.0')

Lab Sample ID: 890-8930-41

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/13/25 22:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 22:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 22:01	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 22:01	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		10			121077	10/13/25 15:32	CS	EET MID

Client Sample ID: S - 7 (4.0')

Lab Sample ID: 890-8930-42

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/13/25 23:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 23:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 22:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 22:17	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		10			121077	10/13/25 15:50	CS	EET MID

Client Sample ID: S - 7 (5.0')

Lab Sample ID: 890-8930-43

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/13/25 23:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 23:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 22:31	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 22:31	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		10			121077	10/13/25 15:56	CS	EET MID

Client Sample ID: S - 7 (6.0')

Lab Sample ID: 890-8930-44

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/13/25 23:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 23:50	SA	EET MID

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Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 7 (6.0')**Lab Sample ID: 890-8930-44****Date Collected: 10/09/25 00:00****Matrix: Solid****Date Received: 10/09/25 16:50**

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			121229	10/15/25 22:46	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 22:46	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		10			121077	10/13/25 16:02	CS	EET MID

Client Sample ID: S - 7 (7.0')**Lab Sample ID: 890-8930-45****Date Collected: 10/09/25 00:00****Matrix: Solid****Date Received: 10/09/25 16:50**

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	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/14/25 00:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 00:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 23:00	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 23:00	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		5			121077	10/13/25 16:07	CS	EET MID

Client Sample ID: S - 8 (0.1')**Lab Sample ID: 890-8930-46****Date Collected: 10/09/25 00:00****Matrix: Solid****Date Received: 10/09/25 16:50**

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	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/14/25 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 00:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 23:15	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 23:15	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		5			121077	10/13/25 16:25	CS	EET MID

Client Sample ID: S - 8 (1.5')**Lab Sample ID: 890-8930-47****Date Collected: 10/09/25 00:00****Matrix: Solid****Date Received: 10/09/25 16:50**

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	121069	10/13/25 11:47	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121035	10/14/25 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/14/25 00:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 23:29	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 23:29	FC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (1.5')

Lab Sample ID: 890-8930-47

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		5			121077	10/13/25 16:31	CS	EET MID

Client Sample ID: S - 8 (2.0')

Lab Sample ID: 890-8930-48

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 19:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 19:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 23:44	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121025	10/13/25 08:33	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121225	10/15/25 23:44	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		5			121077	10/13/25 16:37	CS	EET MID

Client Sample ID: S - 8 (3.0')

Lab Sample ID: 890-8930-49

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 19:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 19:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 01:57	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 01:57	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 16:43	CS	EET MID

Client Sample ID: S - 8 (4.0')

Lab Sample ID: 890-8930-50

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 20:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 20:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 02:39	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 02:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		5			121077	10/13/25 16:49	CS	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Client Sample ID: S - 8 (5.0)

Lab Sample ID: 890-8930-51

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 20:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 20:30	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 02:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 02:53	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		5			121077	10/13/25 16:54	CS	EET MID

Client Sample ID: S - 8 (6.0)

Lab Sample ID: 890-8930-52

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 20:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121176	10/13/25 20:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			121229	10/15/25 03:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 03:09	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:12	CS	EET MID

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

Accreditation/Certification Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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

Method Summary

Client: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

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: Coterra Energy Inc
Project/Site: RIVERBEND 14 - 2 ROW (09.21.2025)

Job ID: 890-8930-1
SDG: 3032

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8930-1	S - 1 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-2	S - 1 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-3	S - 1 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-4	S - 1 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-5	S - 1 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-6	S - 1 (5.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-7	S - 1 (6.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-8	S - 2 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-9	S - 2 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-10	S - 2 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-11	S - 2 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-12	S - 2 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-13	S - 2 (5.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-14	S - 2 (6.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-15	S - 3 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-16	S - 3 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-17	S - 3 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-18	S - 3 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-19	S - 3 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-20	S - 3 (5.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-21	S - 4 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-22	S - 4 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-23	S - 4 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-24	S - 4 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-25	S - 4 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-26	S - 5 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-27	S - 5 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-28	S - 5 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-29	S - 5 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-30	S - 5 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-31	S - 5 (5.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-32	S - 6 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-33	S - 6 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-34	S - 6 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-35	S - 6 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-36	S - 6 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-37	S - 6 (5.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-38	S - 7 (0-1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-39	S - 7 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-40	S - 7 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-41	S - 7 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-42	S - 7 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-43	S - 7 (5.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-44	S - 7 (6.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-45	S - 7 (7.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-46	S - 8 (0.1')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-47	S - 8 (1.5')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-48	S - 8 (2.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-49	S - 8 (3.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-50	S - 8 (4.0')	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-51	S - 8 (5.0)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8930-52	S - 8 (6.0)	Solid	10/09/25 00:00	10/09/25 16:50	Texas

Eurofins Carlsbad

Chain of Custody

Work Order No:



890-8930 Chain of Custody

Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & nathaniel.rose@coterra.com

Program: L

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:		Riverbend 14-2 ROW (09.21.2025)		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes	
Project Number:		3032		☒ Routine ☐ Rush			Parameters	BTEX 8021B	TPH 8015M (GR0 + DRO + MRO)	Chloride 300	Hold	None: NO		DI Water: H ₂ O										
Project Location:		Eddy Co, NM		Due Date:								Standard		Cool: Cool		MeOH: Me								
Sampler's Name:		KR												HCL: HC		HNO ₃ : HN								
PO #:														H ₂ SO ₄ : H ₂		NaOH: Na								
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Wet Ice:		☒ Yes ☐ No		Thermometer ID:		T/M 10007		H ₃ PO ₄ : HP		NaHSO ₄ : NABIS								
Received Intact:		☒ Yes ☐ No		Correction Factor:		-0.2								Na ₂ S ₂ O ₃ : NaSO ₃										
Cooler Custody Seals:		Yes ☐ No ☒ N/A		Temperature Reading:		-2.6								Zn Acetate+NaOH: Zn										
Sample Custody Seals:		Yes ☐ No ☒ N/A		Corrected Temperature:		-2.4								NaOH+Ascorbic Acid: SAPC										
Total Containers:																								
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont				Sample Comments								
S-1 (0-1')		10/9/2025				X				Grab/		1		X										
S-1 (1.5')		10/9/2025				X				Grab/		1		X										
S-1 (2.0')		10/9/2025				X				Grab/		1		X										
S-1 (3.0')		10/9/2025				X				Grab/		1		X										
S-1 (4.0')		10/9/2025				X				Grab/		1		X										
S-1 (5.0')		10/9/2025				X				Grab/		1		X										
S-1 (6.0')		10/9/2025				X				Grab/		1		X										
S-2 (0-1')		10/9/2025				X				Grab/		1		X										
S-2 (1.5')		10/9/2025				X				Grab/		1		X										
S-2 (2.0')		10/9/2025				X				Grab/		1		X										

Comments:

Relinquished by: (Signature)				Date/Time		Received by: (Signature)				Date/Time	

Chain of Custody

Work Order No: _____

Page 2 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & nathaniel.rose@coterra.com

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

Project Name:		Riverbend 14-2 ROW (09.21.2025)		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes								
Project Number:		3032		☒ Routine ☐ Rush			Parameters																	None: NO DI Water: H ₂ O							
Project Location:		Eddy Co, NM		Due Date:																				Standard		Cool: Cool MeOH: Me					
Sampler's Name:		KR																								HCL: HC HNO ₃ : HN					
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No		Wet Ice:																		☒ Yes ☐ No		H ₃ PO ₄ : HP					
Received Intact:		☒ Yes ☐ No		Thermometer ID:		T/MCC																				NaHSO ₄ : NABIS					
Cooler Custody Seals:		☒ Yes ☐ No ☒ N/A		Correction Factor:		-0.2				Na ₂ S ₂ O ₃ : NaSO ₃																					
Sample Custody Seals:		☒ Yes ☐ No ☒ N/A		Temperature Reading:		-7.6				Zn Acetate+NaOH: Zn																					
Total Containers:				Corrected Temperature:		-7.4				NaOH+Ascorbic Acid: SAPC																					
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont																		Sample Comments	
S-2 (3.0')		10/9/2025				X				Grab/		1																			
S-2 (4.0')		10/9/2025				X				Grab/		1																			
S-2 (5.0')		10/9/2025				X				Grab/		1																			
S-2 (6.0')		10/9/2025				X				Grab/		1																			
S-3 (0-1')		10/9/2025				X				Grab/		1																			
S-3 (1.5')		10/9/2025				X				Grab/		1																			
S-3 (2.0')		10/9/2025				X				Grab/		1																			
S-3 (3.0')		10/9/2025				X				Grab/		1																			
S-3 (4.0')		10/9/2025				X				Grab/		1																			
S-3 (5.0')		10/9/2025				X				Grab/		1																			

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Kevin Wells		Burns	10/9/16

Chain of Custody

Work Order No: _____

Page 3 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	jaci.luiq@coterra.com & nathaniel.rose@coterra.com

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

Project Name:		Riverbend 14-2 ROW (09.21.2025)		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		3032		☒ Routine ☐ Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location		Eddy Co, NM		Due Date:		Standard																		Cool: Cool MeOH: Me							
Sampler's Name:		KR																						HCL: HC HNO ₃ : HN							
PO #:																								H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																		H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:																				NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																				Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:																				Zn Acetate+NaOH: Zn							
Total Containers:				Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont																		Sample Comments	
S-4 (0-1')		10/9/2025				X				Grab/		1		X X X																	
S-4 (1.5')		10/9/2025				X				Grab/		1		X X X																	
S-4 (2.0')		10/9/2025				X				Grab/		1		X X X																	
S-4 (3.0')		10/9/2025				X				Grab/		1		X X X																	
S-4 (4.0')		10/9/2025				X				Grab/		1		X X X																	
S-5 (0-1')		10/9/2025				X				Grab/		1		X X X																	
S-5 (1.5')		10/9/2025				X				Grab/		1		X X X																	
S-5 (2.0')		10/9/2025				X				Grab/		1		X X X																	
S-5 (3.0')		10/9/2025				X				Grab/		1		X X X																	
S-5 (4.0')		10/9/2025				X				Grab/		1		X X X																	

Comments:

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
Kevin Reyes				Bunny		10/9/16	

Chain of Custody

Work Order No: _____

Page 4 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & nathaniel.rose@coterra.com

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

Project Name:		Riverbend 14-2 ROW (09.21.2025)		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes			
Project Number:	3032	☒ Routine	☐ Rush	Due Date:	Standard																		None: NO	DI Water: H ₂ O		
Project Location	Eddy Co, NM					Parameters																	Cool: Cool	MeOH: Me		
Sampler's Name:	KR																						HCL: HC	HNO ₃ : HN		
PO #:																							H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes	No	Wet Ice:		Yes	No																	H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:																		NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes	No	N/A	Correction Factor:																		Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes	No	N/A	Temperature Reading:																		Zn Acetate+NaOH: Zn				
Total Containers:			Corrected Temperature:																		NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont																	Sample Comments		
S-5 (5.0')		10/9/2025		X		Grab/	1	X	X	X																
S-6 (0-1')		10/9/2025		X		Grab/	1	X	X	X																
S-6 (1.5')		10/9/2025		X		Grab/	1	X	X	X																
S-6 (2.0')		10/9/2025		X		Grab/	1	X	X	X																
S-6 (3.0')		10/9/2025		X		Grab/	1	X	X	X																
S-6 (4.0')		10/9/2025		X		Grab/	1	X	X	X																
S-6 (5.0')		10/9/2025		X		Grab/	1	X	X	X																
S-7 (0-1')		10/9/2025		X		Grab/	1	X	X	X																
S-7 (1.5')		10/9/2025		X		Grab/	1	X	X	X																
S-7 (2.0')		10/9/2025		X		Grab/	1	X	X	X																

Comments:

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Kevin Reyes		Burns	10/9/1650

Chain of Custody

Work Order No: _____

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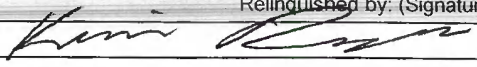
Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & nathaniel.rose@coterra.com

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

Project Name:		Riverbend 14-2 ROW (09.21.2025)		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes						
Project Number:		3032		☒ Routine ☐ Rush			Parameters	BTEX 8021B	TPH 8015M (GR0 + DRO + MRO)	Chloride 300	Hold	None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																	
Project Location		Eddy Co, NM		Due Date:								Standard																	
Sampler's Name:		KR																											
PO #:																													
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No																					
Received Intact:		Yes No		Thermometer ID:																									
Cooler Custody Seals:		Yes No N/A		Correction Factor:																									
Sample Custody Seals:		Yes No N/A		Temperature Reading:																									
Total Containers:				Corrected Temperature:																									
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont		Sample Comments															
S-7 (3.0)		10/9/2025				X				Grab/		1																	
S-7 (4.0')		10/9/2025				X				Grab/		1																	
S-7 (5.0')		10/9/2025				X				Grab/		1																	
S-7 (6.0')		10/9/2025				X				Grab/		1																	
S-7 (7.0')		10/9/2025				X				Grab/		1																	
S-8 (0.1')		10/9/2025				X				Grab/		1																	
S-8 (1.5')		10/9/2025				X				Grab/		1																	
S-8 (2.0')		10/9/2025				X				Grab/		1																	
S-8 (3.0')		10/9/2025				X				Grab/		1																	
S-8 (4.0')		10/9/2025				X				Grab/		1																	

Comments:

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
			10/9/16 ⁵⁰

Chain of Custody

Work Order No: _____

Page 6 of 6

Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & nathaniel.rose@coterra.com

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

[illegible]

Comments:

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	10/9/16

Login Sample Receipt Checklist

Client: Coterra Energy Inc

Job Number: 890-8930-1

SDG Number: 3032

Login Number: 8930

List Number: 1

Creator: Bruns, Shannon

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Coterra Energy Inc

Job Number: 890-8930-1

SDG Number: 3032

Login Number: 8930

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 10/13/25 08:58 AM

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/15/2025 2:18:14 PM

JOB DESCRIPTION

RIVERBEND 14-2 ROW (09.21.2025)
3032

JOB NUMBER

890-8931-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Eurofins Carlsbad

Job Notes

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

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

Authorization



Generated
10/15/2025 2:18:14 PM

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

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Laboratory Job ID: 890-8931-1
SDG: 3032

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Definitions/Glossary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1

Job ID: 890-8931-1

Eurofins Carlsbad

Job Narrative 890-8931-1

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 10/9/2025 4:50 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 -7.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5) (890-8931-1), H-2 (0-0.5) (890-8931-2), H-3 (0-0.5) (890-8931-3), H-4 (0-0.5) (890-8931-4), H-5 (0-0.5) (890-8931-5), H-6 (0-0.5) (890-8931-6), H-7 (0-0.5) (890-8931-7) and H-8 (0-0.5) (890-8931-8).

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-121111 and analytical batch 880-121116 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: H-1 (0-0.5) (890-8931-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121024 and analytical batch 880-121077 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 890-8931-1

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/14/25 07:43	10/14/25 20:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/14/25 07:43	10/14/25 20:05	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/14/25 07:43	10/14/25 20:05	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/14/25 07:43	10/14/25 20:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/14/25 07:43	10/14/25 20:05	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/14/25 07:43	10/14/25 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	10/14/25 07:43	10/14/25 20:05	1
1,4-Difluorobenzene (Surr)	125		70 - 130	10/14/25 07:43	10/14/25 20:05	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			10/14/25 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/15/25 03:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/13/25 08:35	10/15/25 03:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/13/25 08:35	10/15/25 03:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/13/25 08:35	10/15/25 03:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	10/13/25 08:35	10/15/25 03:22	1
o-Terphenyl (Surr)	93		70 - 130	10/13/25 08:35	10/15/25 03:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		9.94		mg/Kg			10/13/25 17:18	1

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-8931-2

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/14/25 07:43	10/14/25 20:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 20:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 20:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/14/25 07:43	10/14/25 20:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 20:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/14/25 07:43	10/14/25 20:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	10/14/25 07:43	10/14/25 20:25	1
1,4-Difluorobenzene (Surr)	116		70 - 130	10/14/25 07:43	10/14/25 20:25	1

Eurofins Carlsbad

Client Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-8931-2

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/14/25 20:25	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			10/15/25 03:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 03:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 03:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 03:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130				10/13/25 08:35	10/15/25 03:38	1
o-Terphenyl (Surr)	89		70 - 130				10/13/25 08:35	10/15/25 03:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		9.92		mg/Kg			10/13/25 17:36	1

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-8931-3

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:39	10/14/25 18:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:39	10/14/25 18:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:39	10/14/25 18:08	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/13/25 11:39	10/14/25 18:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/13/25 11:39	10/14/25 18:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/13/25 11:39	10/14/25 18:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				10/13/25 11:39	10/14/25 18:08	1
1,4-Difluorobenzene (Surr)	98		70 - 130				10/13/25 11:39	10/14/25 18:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/14/25 18:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	83.7		50.0		mg/Kg			10/15/25 03:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 03:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 03:52	1

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Client Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-8931-3

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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)	83.7		50.0		mg/Kg		10/13/25 08:35	10/15/25 03:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				10/13/25 08:35	10/15/25 03:52	1
o-Terphenyl (Surr)	92		70 - 130				10/13/25 08:35	10/15/25 03:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		9.90		mg/Kg			10/13/25 17:42	1

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-8931-4

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:39	10/14/25 18:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 18:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 18:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:39	10/14/25 18:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 18:28	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:39	10/14/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				10/13/25 11:39	10/14/25 18:28	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:39	10/14/25 18:28	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			10/14/25 18:28	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			10/15/25 04:07	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		10/13/25 08:35	10/15/25 04:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 04:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 04:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				10/13/25 08:35	10/15/25 04:07	1
o-Terphenyl (Surr)	97		70 - 130				10/13/25 08:35	10/15/25 04:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.8		9.92		mg/Kg			10/13/25 17:47	1

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Client Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-5 (0-0.5)

Lab Sample ID: 890-8931-5

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:39	10/14/25 18:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:39	10/14/25 18:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:39	10/14/25 18:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:39	10/14/25 18:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:39	10/14/25 18:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:39	10/14/25 18:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/13/25 11:39	10/14/25 18:49	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:39	10/14/25 18:49	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			10/14/25 18:49	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			10/15/25 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	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 04:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 04:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 04:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/13/25 08:35	10/15/25 04:21	1
o-Terphenyl (Surr)	86		70 - 130				10/13/25 08:35	10/15/25 04:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		9.90		mg/Kg			10/13/25 17:53	1

Client Sample ID: H-6 (0-0.5)

Lab Sample ID: 890-8931-6

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 18:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 18:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 18:27	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/13/25 11:12	10/13/25 18:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 18:27	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/13/25 11:12	10/13/25 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/13/25 11:12	10/13/25 18:27	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:12	10/13/25 18:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-6 (0-0.5)

Lab Sample ID: 890-8931-6

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			10/13/25 18:27	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			10/15/25 04:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 04:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 04:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 04:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	79		70 - 130				10/13/25 08:35	10/15/25 04:35	1
o-Terphenyl (Surr)	91		70 - 130				10/13/25 08:35	10/15/25 04:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	182		10.1		mg/Kg			10/13/25 17:59	1

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 890-8931-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 18:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 18:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 18:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/13/25 11:12	10/13/25 18:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/13/25 11:12	10/13/25 18:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/13/25 11:12	10/13/25 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				10/13/25 11:12	10/13/25 18:47	1
1,4-Difluorobenzene (Surr)	103		70 - 130				10/13/25 11:12	10/13/25 18:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/13/25 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/15/25 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	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 05:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/13/25 08:35	10/15/25 05:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 890-8931-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 08:35	10/15/25 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	86		70 - 130				10/13/25 08:35	10/15/25 05:03	1
o-Terphenyl (Surr)	101		70 - 130				10/13/25 08:35	10/15/25 05:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.8		10.0		mg/Kg			10/13/25 18:05	1

Client Sample ID: H-8 (0-0.5)

Lab Sample ID: 890-8931-8

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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		10/13/25 11:12	10/13/25 19:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:12	10/13/25 19:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:12	10/13/25 19:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/13/25 11:12	10/13/25 19:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/13/25 11:12	10/13/25 19:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/13/25 11:12	10/13/25 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				10/13/25 11:12	10/13/25 19:08	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/13/25 11:12	10/13/25 19:08	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			10/13/25 19:08	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			10/15/25 05:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 05:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 05:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 05:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130				10/13/25 08:35	10/15/25 05:17	1
o-Terphenyl (Surr)	96		70 - 130				10/13/25 08:35	10/15/25 05:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		9.98		mg/Kg			10/13/25 18:11	1

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Surrogate Summary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-63720-N-1-D MSD	Matrix Spike Duplicate	95	102
880-63720-N-1-F MS	Matrix Spike	105	107
880-63727-A-1-C MS	Matrix Spike	98	103
880-63727-A-1-D MSD	Matrix Spike Duplicate	102	105
890-8931-1	H-1 (0-0.5)	137 S1+	125
890-8931-2	H-2 (0-0.5)	125	116
890-8931-3	H-3 (0-0.5)	102	98
890-8931-4	H-4 (0-0.5)	104	99
890-8931-5	H-5 (0-0.5)	105	99
890-8931-6	H-6 (0-0.5)	107	99
890-8931-7	H-7 (0-0.5)	107	103
890-8931-8	H-8 (0-0.5)	108	100
890-8953-A-2-C MS	Matrix Spike	100	104
890-8953-A-2-D MSD	Matrix Spike Duplicate	104	105
LCS 880-121054/1-A	Lab Control Sample	106	106
LCS 880-121066/1-A	Lab Control Sample	99	101
LCS 880-121111/1-A	Lab Control Sample	104	107
LCSD 880-121054/2-A	Lab Control Sample Dup	99	105
LCSD 880-121066/2-A	Lab Control Sample Dup	98	100
LCSD 880-121111/2-A	Lab Control Sample Dup	107	103
MB 880-121054/5-A	Method Blank	99	92
MB 880-121066/5-A	Method Blank	103	92
MB 880-121111/5-A	Method Blank	201 S1+	115
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-8930-A-49-C MS	Matrix Spike	87	96
890-8930-A-49-D MSD	Matrix Spike Duplicate	87	95
890-8931-1	H-1 (0-0.5)	77	93
890-8931-2	H-2 (0-0.5)	77	89
890-8931-3	H-3 (0-0.5)	80	92
890-8931-4	H-4 (0-0.5)	83	97
890-8931-5	H-5 (0-0.5)	79	86
890-8931-6	H-6 (0-0.5)	79	91
890-8931-7	H-7 (0-0.5)	86	101
890-8931-8	H-8 (0-0.5)	80	96
LCS 880-121032/2-A	Lab Control Sample	97	108
LCSD 880-121032/3-A	Lab Control Sample Dup	98	108
MB 880-121032/1-A	Method Blank	83	101
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121054/5-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121054

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:12	10/13/25 13:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:12	10/13/25 13:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	10/13/25 11:12	10/13/25 13:08	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/13/25 11:12	10/13/25 13:08	1

Lab Sample ID: LCS 880-121054/1-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1195		mg/Kg		120	70 - 130
Toluene	0.100	0.1068		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1095		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2253		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130

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

Lab Sample ID: LCSD 880-121054/2-A

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1133		mg/Kg		113	70 - 130	5	35
Toluene	0.100	0.1015		mg/Kg		101	70 - 130	5	35
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2103		mg/Kg		105	70 - 130	7	35
o-Xylene	0.100	0.1028		mg/Kg		103	70 - 130	6	35

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

Lab Sample ID: 890-8953-A-2-C MS

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.1114		mg/Kg		111	70 - 130
Toluene	<0.00201	U	0.100	0.09945		mg/Kg		99	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Lab Sample ID: 890-8953-A-2-C MS

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1004		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2062		mg/Kg		103	70 - 130
o-Xylene	<0.00201	U	0.100	0.09963		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-8953-A-2-D MSD

Matrix: Solid

Analysis Batch: 121036

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121054

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.1139		mg/Kg		114	70 - 130	2	35
Toluene	<0.00201	U	0.100	0.1020		mg/Kg		102	70 - 130	3	35
Ethylbenzene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2113		mg/Kg		106	70 - 130	2	35
o-Xylene	<0.00201	U	0.100	0.1024		mg/Kg		102	70 - 130	3	35

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

Lab Sample ID: MB 880-121066/5-A

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 11:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 11:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 11:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/13/25 11:39	10/14/25 11:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/13/25 11:39	10/14/25 11:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/13/25 11:39	10/14/25 11:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/13/25 11:39	10/14/25 11:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/13/25 11:39	10/14/25 11:27	1

Lab Sample ID: LCS 880-121066/1-A

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1018		mg/Kg		102	70 - 130
Toluene	0.100	0.09148		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09279		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1920		mg/Kg		96	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Lab Sample ID: LCS 880-121066/1-A

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09349		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-121066/2-A

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121066

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09449		mg/Kg		94	70 - 130	7	35
Toluene	0.100	0.08538		mg/Kg		85	70 - 130	7	35
Ethylbenzene	0.100	0.08600		mg/Kg		86	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130	8	35
o-Xylene	0.100	0.08711		mg/Kg		87	70 - 130	7	35

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

Lab Sample ID: 880-63720-N-1-D MSD

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121066

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	0.1057		mg/Kg		106	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09450		mg/Kg		95	70 - 130	1	35
Ethylbenzene	<0.00200	U	0.100	0.09317		mg/Kg		93	70 - 130	0	35
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1901		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.09195		mg/Kg		92	70 - 130	1	35

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

Lab Sample ID: 880-63720-N-1-F MS

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1064		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.100	0.09347		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09361		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00400	U	0.200	0.1925		mg/Kg		96	70 - 130
o-Xylene	<0.00200	U	0.100	0.09283		mg/Kg		93	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Lab Sample ID: 880-63720-N-1-F MS

Matrix: Solid

Analysis Batch: 121115

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121066

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-121111/5-A

Matrix: Solid

Analysis Batch: 121116

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121111

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 11:58	1	
Toluene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 11:58	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 11:58	1	
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/14/25 07:43	10/14/25 11:58	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/14/25 07:43	10/14/25 11:58	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/14/25 07:43	10/14/25 11:58	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	201	S1+	70 - 130				10/14/25 07:43	10/14/25 11:58	1	
1,4-Difluorobenzene (Surr)	115		70 - 130				10/14/25 07:43	10/14/25 11:58	1	

Lab Sample ID: LCS 880-121111/1-A

Matrix: Solid

Analysis Batch: 121116

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121111

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.1108		mg/Kg		111	70 - 130			
Toluene	0.100	0.08929		mg/Kg		89	70 - 130			
Ethylbenzene	0.100	0.1298		mg/Kg		130	70 - 130			
m-Xylene & p-Xylene	0.200	0.2172		mg/Kg		109	70 - 130			
o-Xylene	0.100	0.1043		mg/Kg		104	70 - 130			

	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	104		70 - 130							
1,4-Difluorobenzene (Surr)	107		70 - 130							

Lab Sample ID: LCSD 880-121111/2-A

Matrix: Solid

Analysis Batch: 121116

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121111

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.1083		mg/Kg		108	70 - 130	2	35	
Toluene	0.100	0.09966		mg/Kg		100	70 - 130	11	35	
Ethylbenzene	0.100	0.1194		mg/Kg		119	70 - 130	8	35	
m-Xylene & p-Xylene	0.200	0.2285		mg/Kg		114	70 - 130	5	35	
o-Xylene	0.100	0.1099		mg/Kg		110	70 - 130	5	35	

	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	107		70 - 130							

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Lab Sample ID: LCSD 880-121111/2-A

Matrix: Solid

Analysis Batch: 121116

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121111

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

Lab Sample ID: 880-63727-A-1-C MS

Matrix: Solid

Analysis Batch: 121116

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121111

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.1007		mg/Kg		101	70 - 130	
Toluene	<0.00200	U	0.100	0.08386		mg/Kg		84	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.09074		mg/Kg		91	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1704		mg/Kg		85	70 - 130	
o-Xylene	<0.00200	U	0.100	0.09132		mg/Kg		91	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-63727-A-1-D MSD

Matrix: Solid

Analysis Batch: 121116

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121111

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	<0.00200	U	0.100	0.09756		mg/Kg		98	70 - 130	3	35	
Toluene	<0.00200	U	0.100	0.08308		mg/Kg		83	70 - 130	1	35	
Ethylbenzene	<0.00200	U	0.100	0.08742		mg/Kg		87	70 - 130	4	35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1791		mg/Kg		90	70 - 130	5	35	
o-Xylene	<0.00200	U	0.100	0.08339		mg/Kg		83	70 - 130	9	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-121032/1-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 121032

	MB	MB								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:00	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:00	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/13/25 08:35	10/15/25 01:00	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
1-Chlorooctane (Surr)	83		70 - 130	10/13/25 08:35	10/15/25 01:00	1				
o-Terphenyl (Surr)	101		70 - 130	10/13/25 08:35	10/15/25 01:00	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Lab Sample ID: LCS 880-121032/2-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 121032

Analyte			Spike	LCS	LCS	%Rec			
			Added	Result	Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics (GRO)-C6-C10			1000	827.5		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)			1000	911.6		mg/Kg		91	70 - 130
		LCS	LCS						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	97		70 - 130						
o-Terphenyl (Surr)	108		70 - 130						

Lab Sample ID: LCSD 880-121032/3-A

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 121032

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier				Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	827.0		mg/Kg		83	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	927.1		mg/Kg		93	70 - 130	2	20
Surrogate	LCSD	LCSD	Limits								
	%Recovery	Qualifier									
1-Chlorooctane (Surr)	98		70 - 130								
o-Terphenyl (Surr)	108		70 - 130								

Lab Sample ID: 890-8930-A-49-C MS

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 121032

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	702.4		mg/Kg		70	70 - 130			
Diesel Range Organics (Over C10-C28)	<50.0	U	997	816.2		mg/Kg		82	70 - 130			
Surrogate	MS	MS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane (Surr)	87		70 - 130									
o-Terphenyl (Surr)	96		70 - 130									

Lab Sample ID: 890-8930-A-49-D MSD

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121032

	Sample	Sample	Spike	MSD	MSD			%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	711.4		mg/Kg		71	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	801.3		mg/Kg		80	70 - 130	2	20

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QC Sample Results

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Lab Sample ID: 890-8930-A-49-D MSD

Matrix: Solid

Analysis Batch: 121068

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 121032

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	95		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121024/1-A

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<10.0	U		10.0		mg/Kg			10/13/25 15:15	1

Lab Sample ID: LCS 880-121024/2-A

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	273.3		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-121024/3-A

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte		Spike	LCSD	LCSD				%Rec		RPD
		Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride		250	273.3		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-8930-A-51-B MS

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	2870	F1	1240	4506	F1	mg/Kg		132	90 - 110	

Lab Sample ID: 890-8930-A-51-C MSD

Matrix: Solid

Analysis Batch: 121077

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Chloride	2870	F1	1240	4399	F1	mg/Kg		123	90 - 110	20

QC Association Summary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

GC VOA

Analysis Batch: 121036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-6	H-6 (0-0.5)	Total/NA	Solid	8021B	121054
890-8931-7	H-7 (0-0.5)	Total/NA	Solid	8021B	121054
890-8931-8	H-8 (0-0.5)	Total/NA	Solid	8021B	121054
MB 880-121054/5-A	Method Blank	Total/NA	Solid	8021B	121054
LCS 880-121054/1-A	Lab Control Sample	Total/NA	Solid	8021B	121054
LCSD 880-121054/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121054
890-8953-A-2-C MS	Matrix Spike	Total/NA	Solid	8021B	121054
890-8953-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121054

Prep Batch: 121054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-6	H-6 (0-0.5)	Total/NA	Solid	5035	
890-8931-7	H-7 (0-0.5)	Total/NA	Solid	5035	
890-8931-8	H-8 (0-0.5)	Total/NA	Solid	5035	
MB 880-121054/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121054/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121054/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8953-A-2-C MS	Matrix Spike	Total/NA	Solid	5035	
890-8953-A-2-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 121066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-3	H-3 (0-0.5)	Total/NA	Solid	5035	
890-8931-4	H-4 (0-0.5)	Total/NA	Solid	5035	
890-8931-5	H-5 (0-0.5)	Total/NA	Solid	5035	
MB 880-121066/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121066/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121066/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63720-N-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	
880-63720-N-1-F MS	Matrix Spike	Total/NA	Solid	5035	

Prep Batch: 121111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Total/NA	Solid	5035	
890-8931-2	H-2 (0-0.5)	Total/NA	Solid	5035	
MB 880-121111/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-121111/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-121111/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-63727-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
880-63727-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 121115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-3	H-3 (0-0.5)	Total/NA	Solid	8021B	121066
890-8931-4	H-4 (0-0.5)	Total/NA	Solid	8021B	121066
890-8931-5	H-5 (0-0.5)	Total/NA	Solid	8021B	121066
MB 880-121066/5-A	Method Blank	Total/NA	Solid	8021B	121066
LCS 880-121066/1-A	Lab Control Sample	Total/NA	Solid	8021B	121066
LCSD 880-121066/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121066
880-63720-N-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121066
880-63720-N-1-F MS	Matrix Spike	Total/NA	Solid	8021B	121066

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QC Association Summary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

GC VOA

Analysis Batch: 121116

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Total/NA	Solid	8021B	121111
890-8931-2	H-2 (0-0.5)	Total/NA	Solid	8021B	121111
MB 880-121111/5-A	Method Blank	Total/NA	Solid	8021B	121111
LCS 880-121111/1-A	Lab Control Sample	Total/NA	Solid	8021B	121111
LCSD 880-121111/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121111
880-63727-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	121111
880-63727-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	121111

Analysis Batch: 121183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-2	H-2 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-3	H-3 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-4	H-4 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-5	H-5 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-6	H-6 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-7	H-7 (0-0.5)	Total/NA	Solid	Total BTEX	
890-8931-8	H-8 (0-0.5)	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-2	H-2 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-3	H-3 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-4	H-4 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-5	H-5 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-6	H-6 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-7	H-7 (0-0.5)	Total/NA	Solid	8015NM Prep	
890-8931-8	H-8 (0-0.5)	Total/NA	Solid	8015NM Prep	
MB 880-121032/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121032/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8930-A-49-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8930-A-49-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-2	H-2 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-3	H-3 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-4	H-4 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-5	H-5 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-6	H-6 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-7	H-7 (0-0.5)	Total/NA	Solid	8015B NM	121032
890-8931-8	H-8 (0-0.5)	Total/NA	Solid	8015B NM	121032
MB 880-121032/1-A	Method Blank	Total/NA	Solid	8015B NM	121032
LCS 880-121032/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121032
LCSD 880-121032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121032
890-8930-A-49-C MS	Matrix Spike	Total/NA	Solid	8015B NM	121032

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QC Association Summary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

GC Semi VOA (Continued)

Analysis Batch: 121068 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8930-A-49-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	121032

Analysis Batch: 121230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-2	H-2 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-3	H-3 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-4	H-4 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-5	H-5 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-6	H-6 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-7	H-7 (0-0.5)	Total/NA	Solid	8015 NM	
890-8931-8	H-8 (0-0.5)	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 121024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-2	H-2 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-3	H-3 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-4	H-4 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-5	H-5 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-6	H-6 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-7	H-7 (0-0.5)	Soluble	Solid	DI Leach	
890-8931-8	H-8 (0-0.5)	Soluble	Solid	DI Leach	
MB 880-121024/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121024/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121024/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-8930-A-51-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-8930-A-51-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 121077

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-8931-1	H-1 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-2	H-2 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-3	H-3 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-4	H-4 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-5	H-5 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-6	H-6 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-7	H-7 (0-0.5)	Soluble	Solid	300.0	121024
890-8931-8	H-8 (0-0.5)	Soluble	Solid	300.0	121024
MB 880-121024/1-A	Method Blank	Soluble	Solid	300.0	121024
LCS 880-121024/2-A	Lab Control Sample	Soluble	Solid	300.0	121024
LCSD 880-121024/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121024
890-8930-A-51-B MS	Matrix Spike	Soluble	Solid	300.0	121024
890-8930-A-51-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	121024

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Lab Chronicle

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-1 (0-0.5)

Lab Sample ID: 890-8931-1

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121111	10/14/25 07:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121116	10/14/25 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/14/25 20:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 03:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 03:22	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:18	CS	EET MID

Client Sample ID: H-2 (0-0.5)

Lab Sample ID: 890-8931-2

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121111	10/14/25 07:43	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121116	10/14/25 20:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/14/25 20:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 03:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 03:38	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:36	CS	EET MID

Client Sample ID: H-3 (0-0.5)

Lab Sample ID: 890-8931-3

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 18:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/14/25 18:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 03:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 03:52	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:42	CS	EET MID

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-8931-4

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/14/25 18:28	SA	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-4 (0-0.5)

Lab Sample ID: 890-8931-4

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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			121230	10/15/25 04:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 04:07	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:47	CS	EET MID

Client Sample ID: H-5 (0-0.5)

Lab Sample ID: 890-8931-5

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/14/25 18:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 04:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 04:21	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:53	CS	EET MID

Client Sample ID: H-6 (0-0.5)

Lab Sample ID: 890-8931-6

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/13/25 18:27	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 04:35	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 04:35	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 17:59	CS	EET MID

Client Sample ID: H-7 (0-0.5)

Lab Sample ID: 890-8931-7

Date Collected: 10/09/25 00:00

Matrix: Solid

Date Received: 10/09/25 16:50

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	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 18:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/13/25 18:47	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 05:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 05:03	FC	EET MID

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Lab Chronicle

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Client Sample ID: H-7 (0-0.5)
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 16:50

Lab Sample ID: 890-8931-7
Matrix: Solid

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	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 18:05	CS	EET MID

Client Sample ID: H-8 (0-0.5)
Date Collected: 10/09/25 00:00
Date Received: 10/09/25 16:50

Lab Sample ID: 890-8931-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	121054	10/13/25 11:12	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121036	10/13/25 19:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121183	10/13/25 19:08	SA	EET MID
Total/NA	Analysis	8015 NM		1			121230	10/15/25 05:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121032	10/13/25 08:35	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/15/25 05:17	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121024	10/13/25 08:31	SA	EET MID
Soluble	Analysis	300.0		1			121077	10/13/25 18:11	CS	EET MID

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

Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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

Method Summary

Client: Carmona Resources
Project/Site: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

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: RIVERBEND 14-2 ROW (09.21.2025)

Job ID: 890-8931-1
SDG: 3032

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
890-8931-1	H-1 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-2	H-2 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-3	H-3 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-4	H-4 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-5	H-5 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-6	H-6 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-7	H-7 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas
890-8931-8	H-8 (0-0.5)	Solid	10/09/25 00:00	10/09/25 16:50	Texas

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- 14

Chain of Custody



890-8931 Chain of Custody

10/15/2025

Project Manager:	Ashton Thielke	Bill to: (if different)	Nathan Rose
Company Name:	Carmona Resources	Company Name:	Cimarex Energy
Address:	310 W Wall St Ste 500	Address:	600 N Marienfield St, Suite 600
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79701
Phone:	432-813-8988	Email:	laci.luig@coterra.com & nathaniel.rose@coterra.com

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

Project Name:		Riverbend 14-2 ROW (09.21.2025)		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes					
Project Number:		3032		☒ Routine ☐ Rush			Parameters	BTEX 8021B TPH 8015M (GR0 + DRO + MPO) Chloride 300																None: NO DI Water: H ₂ O				
Project Location		Eddy Co, NM		Due Date:																				Standard		Cool: Cool MeOH: Me		
Sampler's Name:		KR																								HCL: HC HNO ₃ : HN		
PO #:						Parameters	H ₂ SO ₄ : H ₂ NaOH: Na H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																					
SAMPLE RECEIPT		Temp Blank:		☒ Yes ☐ No																			Wet Ice:		☒ Yes ☐ No			
Received Intact:		☒ Yes ☐ No		Thermometer ID:																			TVM000					
Cooler Custody Seals:		☒ Yes ☐ No		Correction Factor:																			-0.2					
Sample Custody Seals:		☒ Yes ☐ No		Temperature Reading:		-7.6																						
Total Containers:				Corrected Temperature:		-7.4																						
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments				
H-1 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-2 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-3 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-4 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-5 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-6 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-7 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		
H-8 (0-0.5')		10/9/2025		X		Grab/	1	X	X	X																		

Comments:

Comments:			
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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
Kevin Reyes		B. Brun	10/9 1650

Page 29 of 31

Released to Imaging: 12/4/2025 8:00:46 AM

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8931-1

SDG Number: 3032

Login Number: 8931

List Number: 1

Creator: Lopez, Abraham

List Source: Eurofins Carlsbad

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

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 890-8931-1

SDG Number: 3032

Login Number: 8931

List Number: 2

Creator: Laing, Edmundo

List Source: Eurofins Midland

List Creation: 10/13/25 08:58 AM

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

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

QUESTIONS

Action 521519

QUESTIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2526854980
Incident Name	NAPP2526854980 RIVERBEND 14 - 2 ROW @ A-22-25S-28E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source

Please answer all the questions in this group.

Site Name	RIVERBEND 14 - 2 ROW
Date Release Discovered	09/21/2025
Surface Owner	Federal

Incident Details

Please answer all the questions in this group.

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

Nature and Volume of Release

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

Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Blow Out Flow Line - Injection Produced Water Released: 106 BBL Recovered: 0 BBL Lost: 106 BBL.
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)	A poly line ruptured, 4" poly that crossed a dirt crossover ruptured spilling an estimated 106 bbl produce water, no water recovered

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QUESTIONS, Page 2

Action 521519

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be 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: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 10/30/2025
--	--

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QUESTIONS, Page 3

Action 521519

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

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)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
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 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1000 (ft.) and ½ (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

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	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)	7780
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	83.7
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	01/05/2026
On what date will (or did) the final sampling or liner inspection occur	01/20/2026
On what date will (or was) the remediation complete(d)	02/15/2026
What is the estimated surface area (in square feet) that will be reclaimed	18500
What is the estimated volume (in cubic yards) that will be reclaimed	4046
What is the estimated surface area (in square feet) that will be remediated	18500
What is the estimated volume (in cubic yards) that will be remediated	4046
<i>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.</i>	
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 4

Action 521519

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
<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>	
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)	Yes
Other Non-listed Remedial Process. Please specify	Karst Survey conducted resulting in negative findings (see pages 33-57). Deep Groundwater onsite >105' (see pages 28-29). Site fully delineated, requesting a 400sqft composite confirmation sampling variance. Will utilize hydrovac overtop of buried utilities and mechanical excavation techniques when it is safe to do so. May need to request an additional extension once the project kicks off due to winter months and the utilization of multiple hydrovacs that may freeze up throughout the project.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ashton Thielke Title: EHS Specialist Email: Ashton.Thielke@coterra.com Date: 10/30/2025
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 521519

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Deferral Requests Only	
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.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 521519

QUESTIONS (continued)

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	{Unavailable.}

Remediation Closure Request	
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.	
Requesting a remediation closure approval with this submission	No

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CONDITIONS

Action 521519

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd Midland, TX 79706	OGRID: 162683
	Action Number: 521519
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
nvez	Remediation plan is approved as written except with the following conditions; 1. Alternative sampling plan request not to exceed 400 square feet (ft.2) for each five (5) point composite (5pc) from the excavation floor per 19.15.29.12D (1b) NMAC is approved. Sidewall confirmation sample(s) will abide at 200 ft.2 for each 5pc per 19.15.29.12D (1c) NMAC. All other provisions addressed in 19.15.29.12D NMAC remain in effect. 2. Prior to backfilling any open excavations per 19.15.29.12D (2) NMAC, Cimarex Energy Company (Cimarex) must collect a minimum of one (1) 5pc sample from the media being used as backfill to verify that it meets non-waste containing, uncontaminated, earthen material with chloride concentrations less than 600 mg/kg as analyzed by EPA Method 300.0, or other test methods approved by the division. This is especially important for the material being used within the top four (4) feet from the ground surface.	12/4/2025
nvez	3. Cimarex has 90-days (March 4, 2026) to submit to OCD its appropriate or final remediation closure report.	12/4/2025