

CARMONA RESOURCES



SITE INFORMATION

Work Plan
Cedar Transfer Line (07.22.24)
Incident # NAPP2420533198
Eddy County, New Mexico
Unit L Sec 15 T24S R29E
32.216639°, -103.978056°

Produced Water Release
Point of Release: Blow out; line rupture
Release Date: 07/22/2024
Volume Released: 10 Barrels of Produced Water
Volume Recovered: 0 Barrels of Produced Water

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Prepared for:
NGL Energy Partners, LLC
865 North Albion Street
Denver, CO 80220

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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December 31, 2024

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

**Re: Work Plan
Cedar Transfer Line (07.22.24)
NGL Water Solutions Permian, LLC
Incident # NAPP2420533198
Site Location: Unit L Sec 15 T24S R29E
(Lat 32.216639°, Long -103.978056°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of NGL Energy Partners (NGL), Carmona Resources, LLC has prepared this letter to document site assessment activities for the Cedar Transfer Line. The site is located at 32.216639°, -103.978056° within Unit L, S15, T24S, R29E in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the Notice of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 22, 2024, due to a line rupture causing a blowout. It resulted in the release of approximately ten (10) barrels of produced water on the pipeline right of way and in the pasture. Zero (0) barrels of produced water were recovered. Refer to Figure 3. The Notice 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, the Pecos River is within a 0.50-mile radius of the location. The nearest identified well is located approximately 0.22 miles northwest of the site in S15, T24S, R29E and was drilled in 2023. The well has a reported depth to groundwater of 27.5' below ground surface (ft bgs). The second identified well is located approximately 0.29 miles southwest of the site in S15, T24S, R29E and was drilled in 2023. The well has a reported depth to groundwater of 25.5' below ground surface (ft bgs). A copy of the associated Point of Diversion Summary report is attached in Appendix D.

3.0 NMAC Regulatory Criteria

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

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

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



4.0 Site Assessment Activities

Initial Assessment

On August 13, 2024, Carmona Resources, LLC performed initial site assessment activities to evaluate soil impacts stemming from the release. A total of five (5) sample points (S-1 through S-5) and seven (7) horizontal sample points (H-1 through H-7) were advanced to depths ranging from surface to 3' bgs inside the release area to evaluate the vertical and horizontal extent. 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.

The sampling results are summarized in Table 1. See Figure 3 for sample locations.

Trenching Assessment

On September 23, 2024, Carmona Resources, LLC performed a trenching site assessment to evaluate soil impacts stemming from the release. A total of five (5) trenches (T-1 through T-5) were advanced to depths ranging from surface to 12' bgs inside the release area to evaluate the vertical extent. T-1 through T-5 from the trenching assessment coincide with S-1 through S-5 from the initial assessment. 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.

The sampling results are summarized in Table 1. See Figure 3 for sample locations.

5.0 Proposed Work Plan

Based on the analytical data and the detected chloride concentrations, NGL proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 1.

- The area of S-1 (T-1) will be excavated to a depth of 9.0' bgs and backfilled with clean material to grade.
- The areas of S-2 (T-2), S-3 (T-3), and S-5 (T-5) will be excavated to a depth of 12.0' bgs and backfilled with clean material to grade.
- The area of S-4 (T-4) will be excavated to a depth of 11.0' bgs and backfilled with clean material to grade.
- An estimated 3,912 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth. However, it is subject to change if vertical delineation is achieved sooner.
- A variance is requested per 19.15.29.14. An NMAC, Five-point composite bottom floor hole, and sidewall samples will be collected every 500 square feet to represent the release area.

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Midland, TX 79701
432.813.1992

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- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. 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 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

Conner Moehring
Environmental Manager

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

FIGURES

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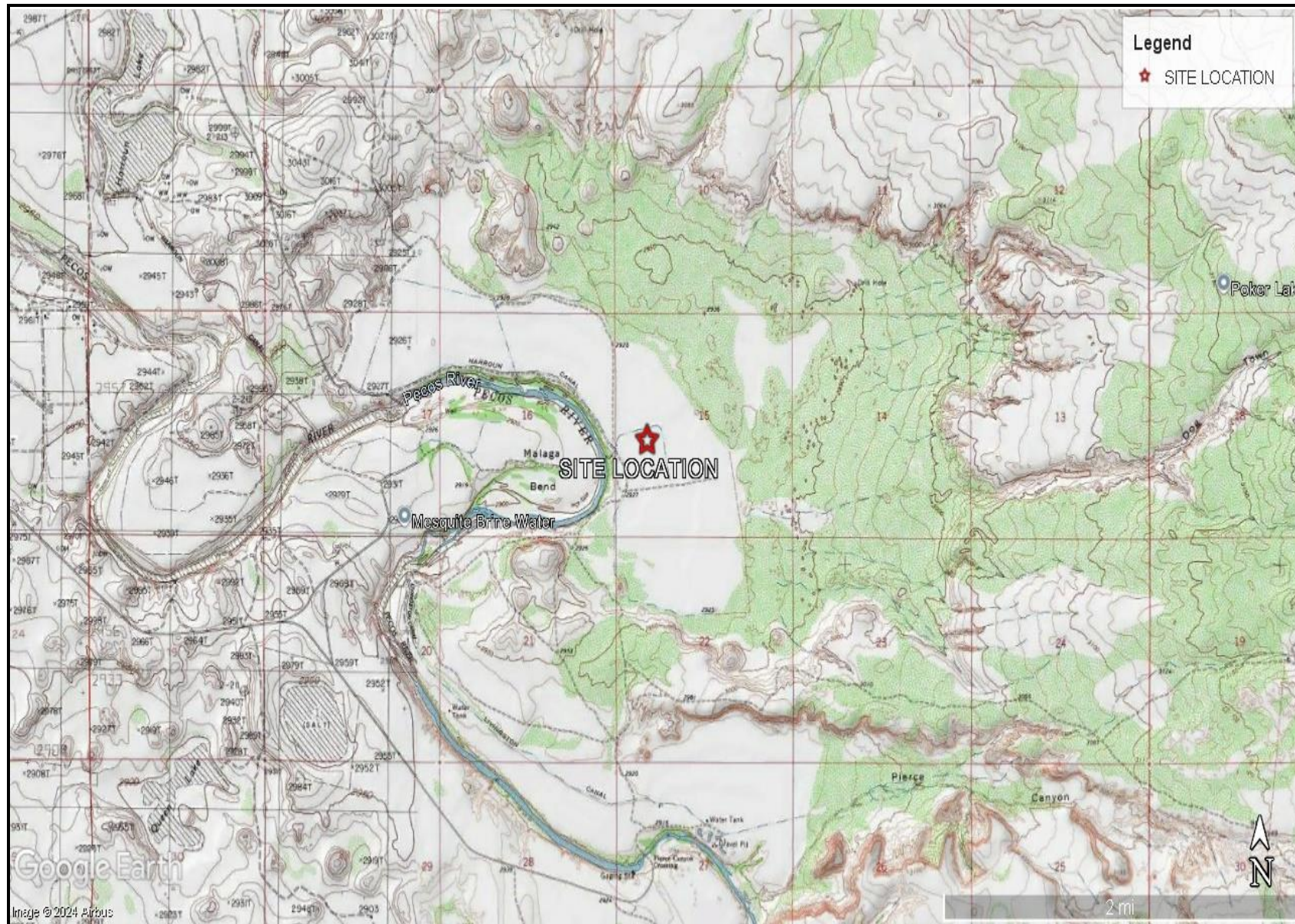




SITE OVERVIEW MAP
NGL ENERGY PARTNERS
CEDAR TRANSFER LINE (07.22.24)
EDDY COUNTY, NEW MEXICO
32.216639°, -103.978056°



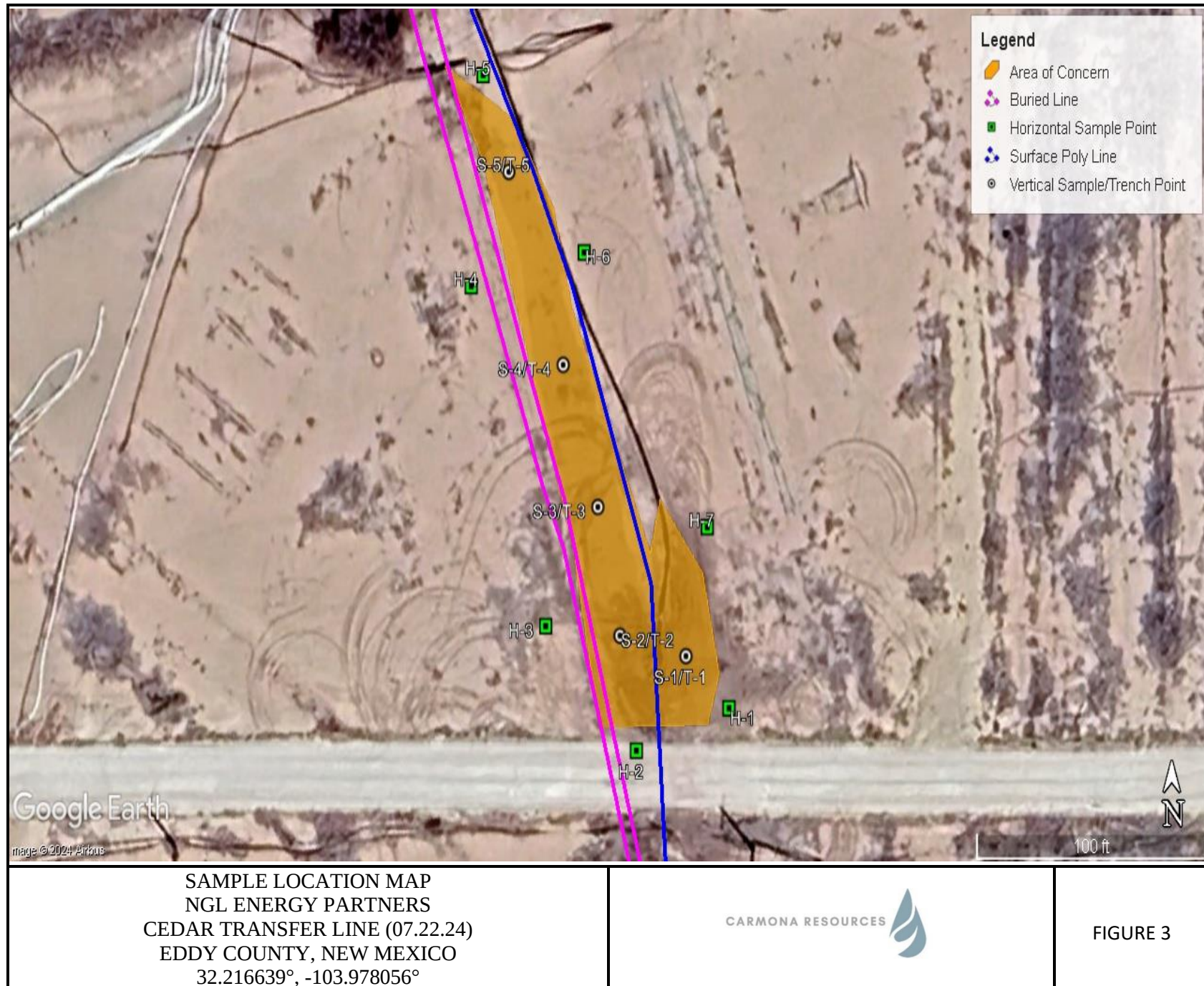
FIGURE 1

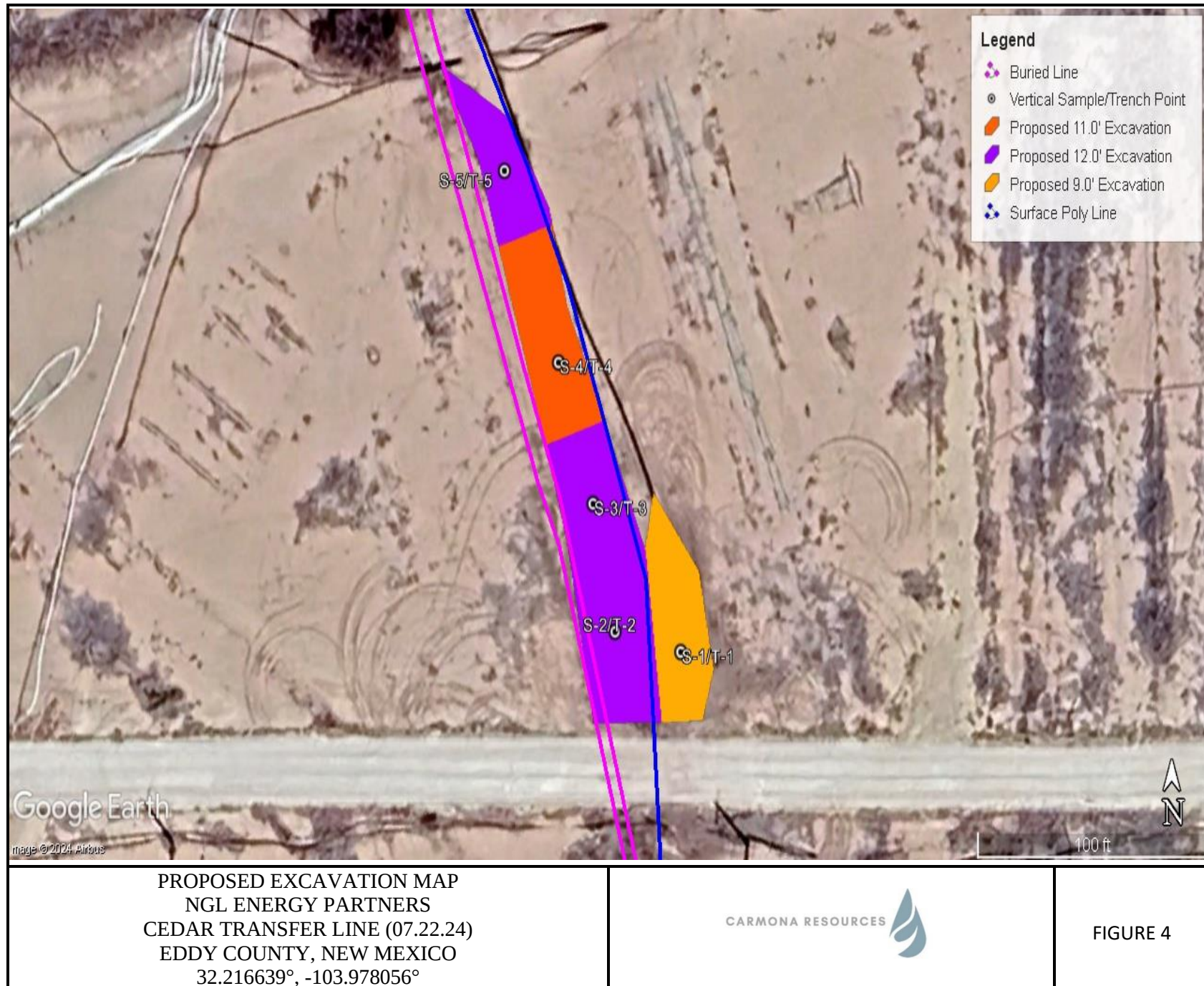


TOPOGRAPHIC MAP
 NGL ENERGY PARTNERS
 CEDAR TRANSFER LINE (07.22.24)
 EDDY COUNTY, NEW MEXICO
 32.216639°, -103.978056°



FIGURE 2





APPENDIX A

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Table 1
NGL Water Solution
Cedar Transfer Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/13/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	88,300
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,860
	"	2.0'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,240
	"	3.0'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	8,600
T-1	9/23/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	30,500
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	19,000
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,380
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,720
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,470
	"	5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,780
	"	6'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,760
	"	7'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,890
	"	8'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,070
	"	9'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5.31
S-2	8/13/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	62,700
	"	1.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6,320
	"	2.0'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,430
T-2	9/23/2024	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,630
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,550
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	3,060
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,420
	"	4'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	996
	"	5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,040
	"	6'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,860
	"	7'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,550
	"	8'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,570
	"	9'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,750
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	658
	"	11'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	900
	"	12'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	10.0
S-3	8/13/2024	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	66,100
	"	1.5'	<50.4	<50.4	<50.4	<50.4	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,400
	"	2.0'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,900
	"	3.0'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	0.0142	0.0142	563
T-3	9/23/2024	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	8,570
	"	1.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,910
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,600
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,350
	"	4'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,990
	"	5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	2,680
	"	6'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,010
	"	7'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,210
	"	8'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,060
	"	9'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,280
	"	10'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	730
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,090
	"	12'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	9.34
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 Hydrocarbons

ft - feet

(S) Sample Point

(T) Test Trench

Exceeds

Table 1
NGL Water Solution
Cedar Transfer Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-4	8/13/2024	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	60,900
	"	1.5'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,060
	"	2.0'	<49.5	<49.5	<49.5	<49.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6,550
T-4	9/23/2024	0-1'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,930
	"	1.5'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	7,650
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	7,920
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,460
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,950
	"	5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,490
	"	6'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,430
	"	7'	<49.6	<49.6	<49.6	<49.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,600
	"	8'	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,780
	"	9'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,070
	"	10'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	815
	"	11'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	477
	"	12'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	<4.97
S-5	8/13/2024	0-0.5'	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	87,500
	"	1.5'	<50.2	165	<50.2	165	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	3,760
	"	2.0'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	7,050
T-5	9/23/2024	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	7,110
	"	1.5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,540
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	638
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	1,510
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,990
	"	5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,540
	"	6'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,890
	"	7'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,700
	"	8'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	1,440
	"	9'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,660
	"	10'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	930
	"	11'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	1,460
	"	12'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.6
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 Hydrocarbons

ft - feet

(S) Sample Point

(T) Test Trench

Exceeds

Table 1
NGL Water Solution
Cedar Transfer Line
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	8/13/2024	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	31.9
H-2	8/13/2024	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	17.1
H-3	8/13/2024	0-0.5'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	18.5
H-4	8/13/2024	0-0.5'	<49.6	<49.6	<49.6	<49.6	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	23.1
H-5	8/13/2024	0-0.5'	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	15.8
H-6	8/13/2024	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	19.3
H-7	8/13/2024	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	102
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 Hydrocarbons

ft - feet

(H) Horizontal Point

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 1

Facility: Cedar Transfer Line (07.22.24)

County: Eddy County, New Mexico

Description:

View Southeast, area of S-1 (T-1).



Photograph No. 2

Facility: Cedar Transfer Line (07.22.24)

County: Eddy County, New Mexico

Description:

View South, area of S-2 (T-2).



Photograph No. 3

Facility: Cedar Transfer Line (07.22.24)

County: Eddy County, New Mexico

Description:

View South, area of S-3 (T-3).



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4**Facility:** Cedar Transfer Line (07.22.24)**County:** Eddy County, New Mexico**Description:**

View South, area of S-4 (T-4)

**Photograph No. 5****Facility:** Cedar Transfer Line (07.22.24)**County:** Eddy County, New Mexico**Description:**

View South, area of S-5 (T-5).



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS

Action 366386

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366386
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CEDAR TRANSFER LINE
Date Release Discovered	07/22/2024
Surface Owner	Private

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 Pipeline (Any) Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 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)	Not answered.

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QUESTIONS, Page 2

Action 366386

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366386
	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

Action 366386

ACKNOWLEDGMENTS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366386
	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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Santa Fe, NM 87505

CONDITIONS

Action 366386

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366386
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
jvargo	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	7/23/2024



Energy Partners LP

865 N. Albion Street • Suite 400 • Denver • CO • 80220

Phone (303)815-1010 • Fax (303)815-1011

July 23, 2024

RE: **Volume Calculation for Release nAPP2420533198**

Please use the following for a volume calculation for our Cedar Transfer Line release that occurred on July 22, 2024.

10 Barrels released Outside Containment. 0 Barrels Recovered.

NGL was able to determine the volume by the amount that passed through the pipeline and onto the surface via online gauges. NGL was not able to recover any of the produced water.

Sincerely,

A handwritten signature in black ink, appearing to read 'J. Vargo', is written over a horizontal line.

Joseph Vargo
Regulatory Director
(303) 597-5652

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QUESTIONS

Action 366389

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366389
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420533198
Incident Name	NAPP2420533198 CEDAR TRANSFER LINE @ 30-015-44054
Incident Type	Produced Water Release
Incident Status	Initial C-141 Received
Incident Well	[30-015-44054] CEDAR CANYON SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CEDAR TRANSFER LINE
Date Release Discovered	07/22/2024
Surface Owner	Private

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 Pipeline (Any) Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 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)	Not answered.

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QUESTIONS, Page 2

Action 366389

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366389
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	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	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Joseph Vargo Title: Regulatory manager Email: joseph.vargo@nglep.com Date: 07/23/2024
--	--

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QUESTIONS, Page 3

Action 366389

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366389
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS**Site Characterization**

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

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

Remediation Plan

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

Requesting a remediation plan approval with this submission	No
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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CONDITIONS

Action 366389

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 366389
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	7/23/2024

APPENDIX D

CARMONA RESOURCES



Nearest water well

NGL Water Solutions

Legend

- 0.22 Miles
- 0.29 Miles
- 0.50 Mile Radius
- CEDAR TRANSFER LINE (07.22.2024)
- NMSEO Water Well



Medium Karst

NGL Water Solutions

Legend

-  CEDAR TRANSFER LINE (07.22.2024)
-  Low
-  Medium

 CEDAR TRANSFER LINE (07.22.2024)



2000 ft



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are
smallest to
largest)

(meters)

(In feet)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04778 POD1		CUB	ED	NW	SW	NW	15	24S	29E	596200.0	3565247.6		356	40	18	22
C 04778 POD2		CUB	ED	NE	SW	NW	15	24S	29E	596414.9	3565355.3		463	40	18	22
C 00863		CUB	ED	SW	SW	NW	16	24S	29E	594524.0	3565091.0 *		1787	220		
C 00863 CLW199506	O	CUB	ED	SW	SW	NW	16	24S	29E	594524.0	3565091.0 *		1787	220		
C 04617 POD1		CUB	ED	SW	NW	SW	22	24S	29E	596241.4	3563113.6		1793	110		

Average Depth to Water: 18 feet

Minimum Depth: 18 feet

Maximum Depth: 18 feet

Record Count: 5

UTM Filters (in meters):

Easting: 596302.00
Northing: 3564906.00
Radius: 1800

* 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

RECEIVED
 2023 DEC 18 PM 2:09
 STATE ENGINEER OFFICE
 LAS CRUCES, NEW MEXICO

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) BMW-1 POD 1		WELL TAG ID NO. C-4778 Pod 1		OSE FILE NO(S). C-4778	
	WELL OWNER NAME(S) Oxy USA Inc.				PHONE (OPTIONAL)	
	WELL OWNER MAILING ADDRESS P.O. Box 4294				CITY Houston	STATE TX
					ZIP 77210	
	WELL LOCATION (FROM GPS)		DEGREES 32	MINUTES 13	SECONDS 11	* ACCURACY REQUIRED: ONE TENTH OF A SECOND
		LATITUDE			* DATUM REQUIRED: WGS 84	
		LONGITUDE	105	58	44.8	W
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Approximately 55ft south of pads						

2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1757		NAME OF LICENSED DRILLER David Drayback		NAME OF WELL DRILLING COMPANY Envirotech Drilling Services	
	DRILLING STARTED 10/03/2023	DRILLING ENDED 10/03/2023	DEPTH OF COMPLETED WELL (FT) 40ft	BORE HOLE DEPTH (FT) 40ft	DEPTH WATER FIRST ENCOUNTERED (FT) 18ft	
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 27.5	
	DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES - SPECIFY:				DATE STATIC MEASURED 10-3-23	
	DRILLING METHOD: ☒ ROTARY ☐ HAMMER ☐ CABLE TOOL ☐ OTHER - SPECIFY:				CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐	
DEPTH (feet bgl) FROM TO		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)
0 15		6	PVC	Flush Joint	2	SCH 40
15 40		6	PVC	Flush Joint	2	SCH 40

3. ANNULAR MATERIAL	DEPTH (feet bgl) FROM TO		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL <i>*(if using Centralizers for Artesian wells- indicate the spacing below)</i>	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	0 1		6	Concrete		Poured
	1 13		6	Bentonite		Poured
	13 40		6	Sand		Poured

FOR OSE INTERNAL USE				WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO.	C-4778-POD 1	BMW-1	POD NO.	POD 1	TRN NO. 761694
LOCATION	mon 24.29.15.131		WELL TAG ID NO.	PAGE 1 OF 2	

USE ON DEC 21 2023 PM 2:11

5. TEST; RIG SUPERVISION

6. SIGNATURE

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 09/22/2022)	
FILE NO. <u>C-4778-POD1</u>	<u>Bmw-1</u>	POD NO. <u>POD1</u>	TRN NO. <u>766694</u>
LOCATION <u>Wm 24.29.15131</u>		WELL TAG ID NO. <u> </u>	PAGE 2 OF 2



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

RECEIVED
2023 DEC 18 PM 2:09
STATE ENGINEER OFFICE
LAS CRUCES NEW MEXICO

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) BMW-2 POD 2 BMW-2		WELL TAG ID NO. C-4778		OSE FILE NO(S) C-4778		
	WELL OWNER NAME(S) Oxy USA Inc.				PHONE (OPTIONAL)		
	WELL OWNER MAILING ADDRESS P.O Box 4294				CITY Houston	STATE TX	
					ZIP 77210		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 13	SECONDS 14.4	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LATITUDE	LONGITUDE		* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Approximately 60ft north of pads							
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1757		NAME OF LICENSED DRILLER David Draybuck		NAME OF WELL DRILLING COMPANY Envirotech Drilling Services		
	DRILLING STARTED 10/03/2023		DRILLING ENDED 10/03/2023		DEPTH OF COMPLETED WELL (FT) 40ft		
			BORE HOLE DEPTH (FT) 40ft		DEPTH WATER FIRST ENCOUNTERED (FT) 18ft		
	COMPLETED WELL IS: ☐ ARTESIAN *add Centralizer info below ☐ DRY HOLE ☒ SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 25.5		
	DATE STATIC MEASURED 10-3-23						
	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)
	FROM	TO					
0	15	6	PVC	Flush Joint	2	SCH 40	
15	40	6	PVC	Flush Joint	2	SCH 40	
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					
	0	1	6	Concrete		Poured	
	1	13	6	Bentonite		Poured	
	13	40	6	Sand		Poured	

FOR OSE INTERNAL USE

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

FILE NO. C-4778-POD 2 BMW-2	POD NO. POD 2	TRN NO. 751694
LOCATION Mon 24. 29.15. 231	WELL TAG ID NO.	PAGE 1 OF 2

	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						
4. HYDROGEOLOGIC LOG OF WELL	0	5		No Recovery	Y	N		
	5	10.5		Silty sand, fine-grained, brown, dry, no odor.	Y	N		
	10.5	14		Silty sand, very fine-grained, clay nodules, pinkish gray, dry, no odor	Y	N		
	14	18		Silty sandy clay, gray, slightly moist, no odor.	Y	N		
	18	20.5		Sand, fine-grained, reddish brown, slightly moist, no odor.	Y	N		
	20.5	30		Sandy clay, reddish brown, wet, no odor	Y	N		
	30	40		Clayey sand, reddish brown, wet, no odor.	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:					TOTAL ESTIMATED WELL YIELD (gpm):		
	☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY: _____					0.5		
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:							
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:							
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 SIGNED NAME David Draybrook DATE								

FOR OSE INTERNAL USE

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

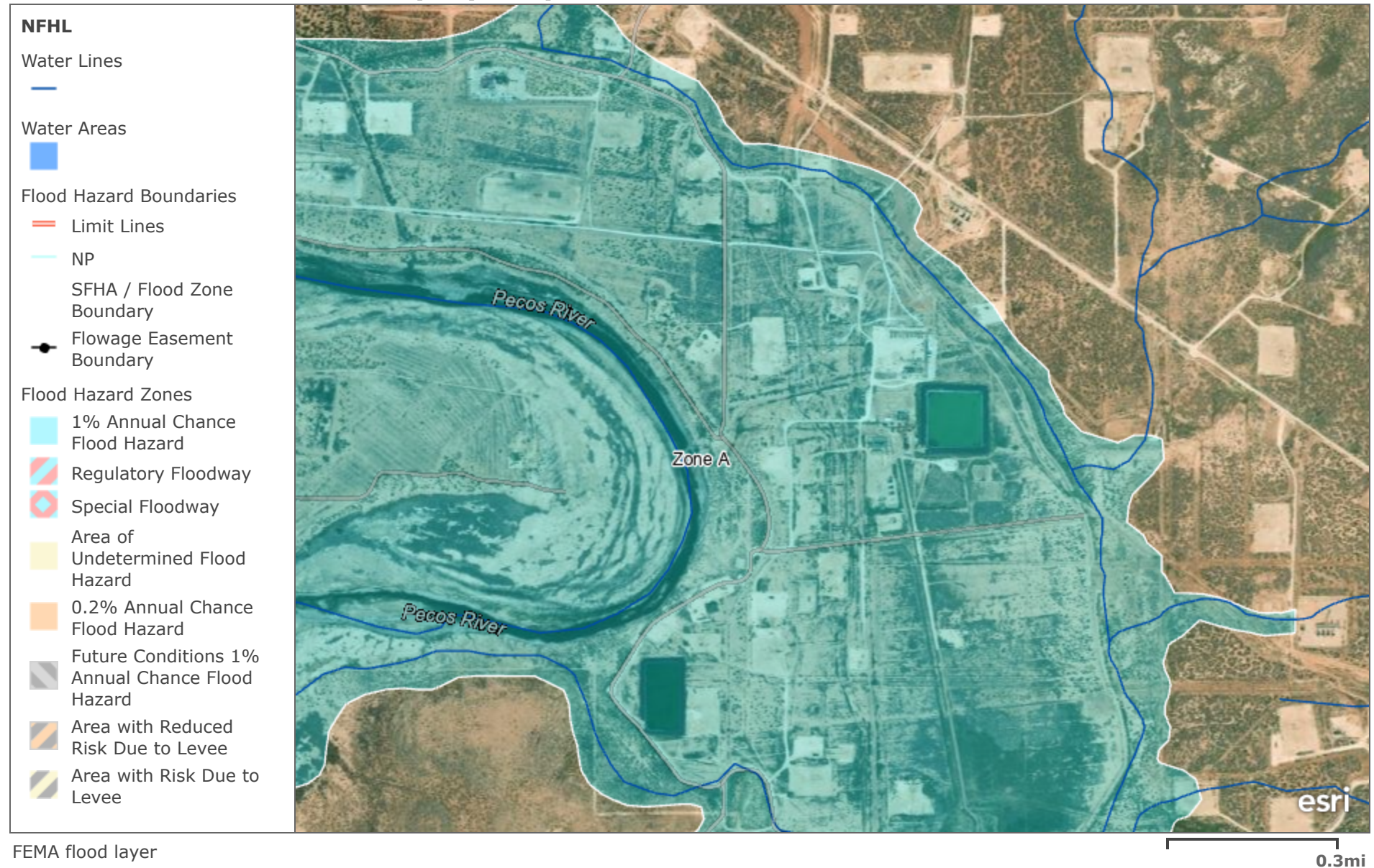
FILE NO.	C-4778-POD 2 BMW-2	POD NO.	POD 2	TRN NO.	751694
LOCATION	WPA 24.29.15.231	WELL TAG ID NO.	PAGE 2 OF 2		

FEMA National Flood Hazard Layer (NFHL)



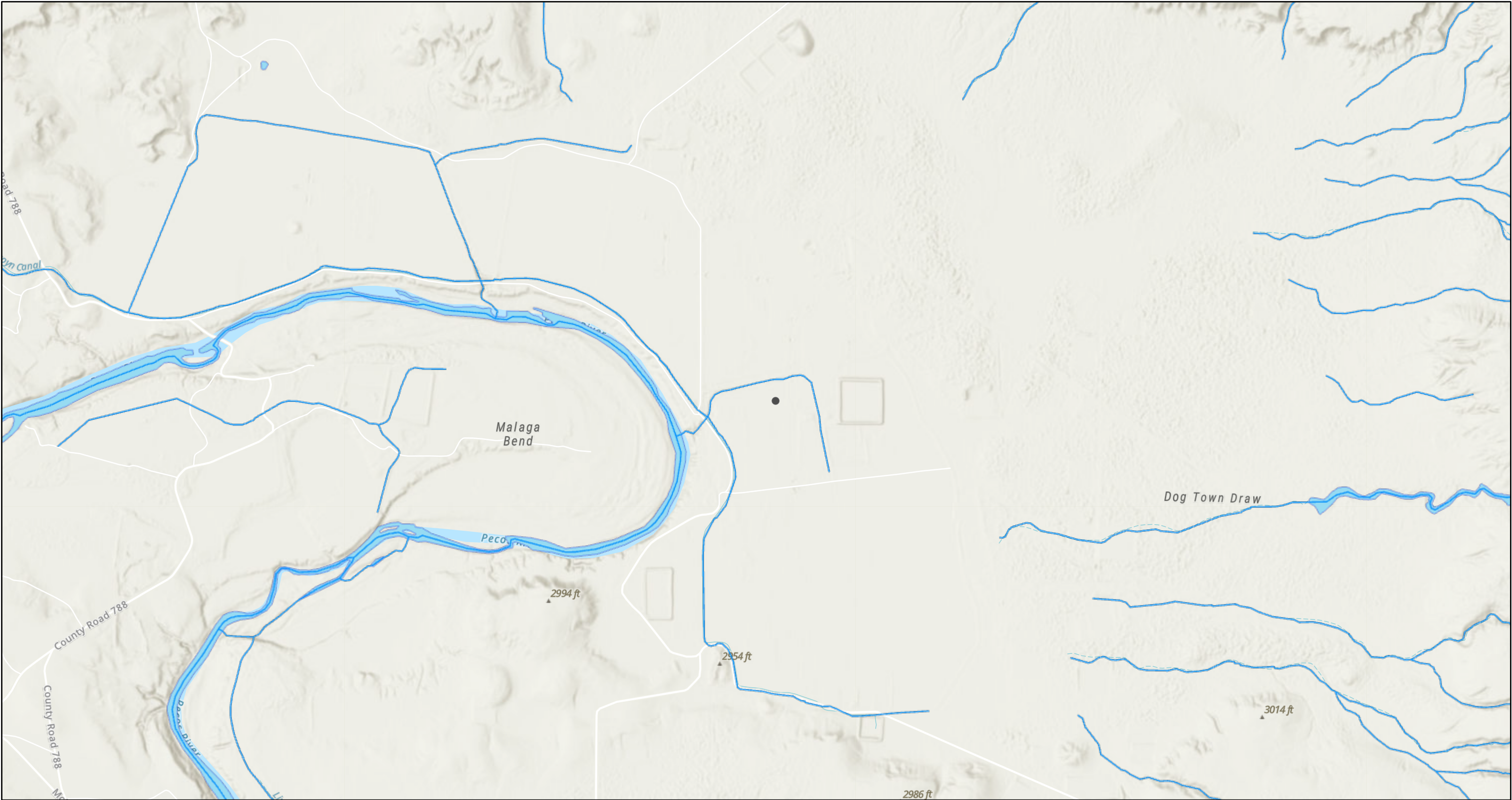
Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

FEMA National Flood Hazard Layer (NFHL)



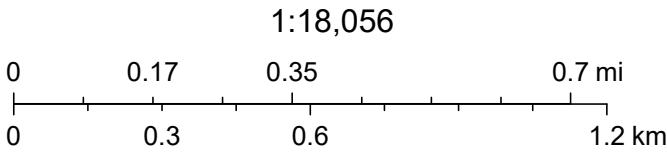
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CEDAR TRANSFER LINE (07.22.2024)



7/26/2024, 9:32:10 AM

- OSW Water Bodys
- OSE Streams



Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

APPENDIX E

CARMONA RESOURCES





Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/22/2024 11:31:08 AM

JOB DESCRIPTION

Cedar Transfer Line
Eddy Co, NM

JOB NUMBER

880-47337-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/22/2024 11:31:08 AM

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

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Laboratory Job ID: 880-47337-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Cedar Transfer Line

Job ID: 880-47337-1

Job ID: 880-47337-1

Eurofins Midland

Job Narrative 880-47337-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/16/2024 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-88672 and analytical batch 880-88780 was outside the upper control limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-88785 and analytical batch 880-88780 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-88785 and analytical batch 880-88780 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: Surrogate recovery for the following samples were outside control limits: S-1 (3.0') (880-47337-4), S-2 (0-0.5') (880-47337-5), S-3 (0-0.5') (880-47337-8), (890-7030-A-1-B MS) and (890-7030-A-1-C MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-89060 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-89060/21).

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 and precision for preparation batch 880-88754 and analytical batch 880-88983 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-0.5')

Lab Sample ID: 880-47337-1

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 00:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 00:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 00:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/19/24 09:27	08/20/24 00:25	1
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/19/24 09:27	08/20/24 00:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/24 09:27	08/20/24 00:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/19/24 09:27	08/20/24 00:25	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/19/24 09:27	08/20/24 00:25	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			08/20/24 00:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/21/24 14:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:11	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:11	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:11	1
Total TPH	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	08/21/24 08:52	08/21/24 14:11	1
o-Terphenyl	97		70 - 130	08/21/24 08:52	08/21/24 14:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88300		504		mg/Kg			08/21/24 07:01	100

Client Sample ID: S-1 (1.5')

Lab Sample ID: 880-47337-2

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 00:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 00:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 00:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 00:45	1
o-Xylene	<0.00201	U **	0.00201		mg/Kg		08/19/24 09:27	08/20/24 00:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 00:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/19/24 09:27	08/20/24 00:45	1
1,4-Difluorobenzene (Surr)	112		70 - 130	08/19/24 09:27	08/20/24 00:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-2
Matrix: Solid

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			08/20/24 00:45	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			08/21/24 14:27	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 14:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 14:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 14:27	1
Total TPH	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130				08/21/24 08:52	08/21/24 14:27	1
o-Terphenyl	104		70 - 130				08/21/24 08:52	08/21/24 14:27	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3860		50.2		mg/Kg			08/21/24 07:08	10

Client Sample ID: S-1 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-3
Matrix: Solid

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		08/19/24 09:27	08/20/24 01:06	1	
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 01:06	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 01:06	1	
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/19/24 09:27	08/20/24 01:06	1	
o-Xylene	<0.00200	U **	0.00200		mg/Kg		08/19/24 09:27	08/20/24 01:06	1	
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/24 09:27	08/20/24 01:06	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	107		70 - 130				08/19/24 09:27	08/20/24 01:06	1	
1,4-Difluorobenzene (Surr)	112		70 - 130				08/19/24 09:27	08/20/24 01:06	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			08/20/24 01:06	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			08/21/24 14:44	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:44	1	

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (2.0')

Lab Sample ID: 880-47337-3

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:44	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:44	1
Total TPH	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 14:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130				08/21/24 08:52	08/21/24 14:44	1
o-Terphenyl	109		70 - 130				08/21/24 08:52	08/21/24 14:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7240		101		mg/Kg			08/21/24 07:16	20

Client Sample ID: S-1 (3.0')

Lab Sample ID: 880-47337-4

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 01:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/24 09:27	08/20/24 01:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/24 09:27	08/20/24 01:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/19/24 09:27	08/20/24 01:26	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/19/24 09:27	08/20/24 01:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/24 09:27	08/20/24 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/19/24 09:27	08/20/24 01:26	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/19/24 09:27	08/20/24 01:26	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			08/20/24 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/21/24 15:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 15:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 15:02	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 15:02	1
Total TPH	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	135	S1+	70 - 130				08/21/24 08:52	08/21/24 15:02	1
o-Terphenyl	117		70 - 130				08/21/24 08:52	08/21/24 15:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8600	F1	101		mg/Kg			08/21/24 07:23	20

Client Sample ID: S-2 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-5
Matrix: Solid

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		08/19/24 09:27	08/20/24 01:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 01:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 01:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 01:47	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		08/19/24 09:27	08/20/24 01:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 01:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/19/24 09:27	08/20/24 01:47	1
1,4-Difluorobenzene (Surr)	113		70 - 130				08/19/24 09:27	08/20/24 01:47	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			08/20/24 01:47	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/21/24 15:19	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	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 15:19	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 15:19	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 15:19	1
Total TPH	<49.7	U	49.7		mg/Kg		08/21/24 08:52	08/21/24 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	141	S1+	70 - 130				08/21/24 08:52	08/21/24 15:19	1
o-Terphenyl	122		70 - 130				08/21/24 08:52	08/21/24 15:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62700		250		mg/Kg			08/21/24 07:46	50

Client Sample ID: S-2 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-6
Matrix: Solid

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		08/19/24 09:27	08/20/24 02:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 02:07	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (1.5')

Lab Sample ID: 880-47337-6

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 02:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/24 09:27	08/20/24 02:07	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/19/24 09:27	08/20/24 02:07	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/24 09:27	08/20/24 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130				08/19/24 09:27	08/20/24 02:07	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/19/24 09:27	08/20/24 02:07	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			08/20/24 02:07	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			08/21/24 15:35	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		08/21/24 08:52	08/21/24 15:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 15:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 15:35	1
Total TPH	<49.9	U	49.9		mg/Kg		08/21/24 08:52	08/21/24 15:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130				08/21/24 08:52	08/21/24 15:35	1
o-Terphenyl	109		70 - 130				08/21/24 08:52	08/21/24 15:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6320		99.8		mg/Kg			08/21/24 07:53	20

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-47337-7

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 02:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 02:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 02:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 02:27	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		08/19/24 09:27	08/20/24 02:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 02:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				08/19/24 09:27	08/20/24 02:27	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/19/24 09:27	08/20/24 02:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2.0')

Lab Sample ID: 880-47337-7

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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			08/20/24 02:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/21/24 15:52	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	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 15:52	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 15:52	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 15:52	1
Total TPH	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	08/21/24 08:52	08/21/24 15:52	1
o-Terphenyl	108		70 - 130	08/21/24 08:52	08/21/24 15:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4430		50.2		mg/Kg			08/21/24 08:16	10

Client Sample ID: S-3 (0-0.5')

Lab Sample ID: 880-47337-8

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 02:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/19/24 09:27	08/20/24 02:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/19/24 09:27	08/20/24 02:48	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/19/24 09:27	08/20/24 02:48	1
o-Xylene	<0.00202	U **	0.00202		mg/Kg		08/19/24 09:27	08/20/24 02:48	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/19/24 09:27	08/20/24 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	08/19/24 09:27	08/20/24 02:48	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/19/24 09:27	08/20/24 02:48	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			08/20/24 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/21/24 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 16:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (0-0.5')

Lab Sample ID: 880-47337-8

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 16:09	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 16:09	1
Total TPH	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/21/24 08:52	08/21/24 16:09	1
o-Terphenyl	112		70 - 130				08/21/24 08:52	08/21/24 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66100		501		mg/Kg			08/21/24 08:23	100

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-47337-9

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 03:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 03:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 09:27	08/20/24 03:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 03:08	1
o-Xylene	<0.00201	U *	0.00201		mg/Kg		08/19/24 09:27	08/20/24 03:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 09:27	08/20/24 03:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				08/19/24 09:27	08/20/24 03:08	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/19/24 09:27	08/20/24 03:08	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			08/20/24 03:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/21/24 16:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		08/21/24 08:52	08/21/24 16:43	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/21/24 08:52	08/21/24 16:43	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/21/24 08:52	08/21/24 16:43	1
Total TPH	<50.4	U	50.4		mg/Kg		08/21/24 08:52	08/21/24 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130				08/21/24 08:52	08/21/24 16:43	1
o-Terphenyl	106		70 - 130				08/21/24 08:52	08/21/24 16:43	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (1.5')

Lab Sample ID: 880-47337-9

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4400		49.8		mg/Kg			08/21/24 08:31	10

Client Sample ID: S-3 (2.0')

Lab Sample ID: 880-47337-10

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 03:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 03:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/20/24 03:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/19/24 09:27	08/20/24 03:29	1
o-Xylene	<0.00200	U *	0.00200		mg/Kg		08/19/24 09:27	08/20/24 03:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/19/24 09:27	08/20/24 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/19/24 09:27	08/20/24 03:29	1
1,4-Difluorobenzene (Surr)	115		70 - 130	08/19/24 09:27	08/20/24 03:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/20/24 03:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/21/24 17:01	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	<50.5	U	50.5		mg/Kg		08/21/24 08:52	08/21/24 17:01	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/21/24 08:52	08/21/24 17:01	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/21/24 08:52	08/21/24 17:01	1
Total TPH	<50.5	U	50.5		mg/Kg		08/21/24 08:52	08/21/24 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	08/21/24 08:52	08/21/24 17:01	1
o-Terphenyl	94		70 - 130	08/21/24 08:52	08/21/24 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4900		101		mg/Kg			08/21/24 08:38	20

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-47337-11

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 11:50	08/19/24 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/19/24 23:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (3.0')

Lab Sample ID: 880-47337-11

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/19/24 23:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/19/24 11:50	08/19/24 23:37	1
o-Xylene	0.0142		0.00200		mg/Kg		08/19/24 11:50	08/19/24 23:37	1
Xylenes, Total	0.0142		0.00399		mg/Kg		08/19/24 11:50	08/19/24 23:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/19/24 11:50	08/19/24 23:37	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/19/24 11:50	08/19/24 23:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0142		0.00399		mg/Kg			08/19/24 23:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/21/24 17:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:18	1
Total TPH	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				08/21/24 08:52	08/21/24 17:18	1
o-Terphenyl	97		70 - 130				08/21/24 08:52	08/21/24 17:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	563		9.92		mg/Kg			08/21/24 08:46	2

Client Sample ID: S-4 (0-0.5')

Lab Sample ID: 880-47337-12

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 11:50	08/19/24 23:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/24 11:50	08/19/24 23:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/24 11:50	08/19/24 23:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/19/24 11:50	08/19/24 23:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/19/24 11:50	08/19/24 23:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/24 11:50	08/19/24 23:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130				08/19/24 11:50	08/19/24 23:57	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/19/24 11:50	08/19/24 23:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-12
Matrix: Solid

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			08/19/24 23:57	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			08/21/24 17:35	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		08/21/24 08:52	08/21/24 17:35	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:35	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:35	1	
Total TPH	<50.0	U	50.0		mg/Kg		08/21/24 08:52	08/21/24 17:35	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	107		70 - 130				08/21/24 08:52	08/21/24 17:35	1	
o-Terphenyl	93		70 - 130				08/21/24 08:52	08/21/24 17:35	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	60900		495		mg/Kg			08/21/24 08:53	100	

Client Sample ID: S-4 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-13
Matrix: Solid

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		08/19/24 11:50	08/20/24 00:18	1	
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 00:18	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 00:18	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 11:50	08/20/24 00:18	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 00:18	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 11:50	08/20/24 00:18	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	111		70 - 130				08/19/24 11:50	08/20/24 00:18	1	
1,4-Difluorobenzene (Surr)	102		70 - 130				08/19/24 11:50	08/20/24 00:18	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			08/20/24 00:18	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.6	U	49.6		mg/Kg			08/21/24 17:52	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	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 17:52	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (1.5')

Lab Sample ID: 880-47337-13

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 17:52	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 17:52	1
Total TPH	<49.6	U	49.6		mg/Kg		08/21/24 08:52	08/21/24 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/21/24 08:52	08/21/24 17:52	1
o-Terphenyl	100		70 - 130				08/21/24 08:52	08/21/24 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3060		49.9		mg/Kg			08/21/24 09:01	10

Client Sample ID: S-4 (2.0')

Lab Sample ID: 880-47337-14

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 11:50	08/20/24 00:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/20/24 00:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/20/24 00:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/24 11:50	08/20/24 00:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/20/24 00:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/24 11:50	08/20/24 00:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130				08/19/24 11:50	08/20/24 00:38	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/19/24 11:50	08/20/24 00:38	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			08/20/24 00:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.5	U	49.5		mg/Kg			08/21/24 18:09	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	<49.5	U	49.5		mg/Kg		08/21/24 08:52	08/21/24 18:09	1
Diesel Range Organics (Over C10-C28)	<49.5	U	49.5		mg/Kg		08/21/24 08:52	08/21/24 18:09	1
Oil Range Organics (Over C28-C36)	<49.5	U	49.5		mg/Kg		08/21/24 08:52	08/21/24 18:09	1
Total TPH	<49.5	U	49.5		mg/Kg		08/21/24 08:52	08/21/24 18:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/21/24 08:52	08/21/24 18:09	1
o-Terphenyl	100		70 - 130				08/21/24 08:52	08/21/24 18:09	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-14
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6550		99.2		mg/Kg			08/19/24 21:49	20

Client Sample ID: S-5 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-15
Matrix: Solid

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		08/19/24 11:50	08/20/24 00:59	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 00:59	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 00:59	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 11:50	08/20/24 00:59	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 00:59	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 11:50	08/20/24 00:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130				08/19/24 11:50	08/20/24 00:59	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/19/24 11:50	08/20/24 00:59	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			08/20/24 00:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/21/24 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	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 18:26	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 18:26	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 18:26	1
Total TPH	<50.3	U	50.3		mg/Kg		08/21/24 08:52	08/21/24 18:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130				08/21/24 08:52	08/21/24 18:26	1
o-Terphenyl	104		70 - 130				08/21/24 08:52	08/21/24 18:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	87500		498		mg/Kg			08/19/24 22:07	100

Client Sample ID: S-5 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-16
Matrix: Solid

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		08/19/24 11:50	08/20/24 01:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/19/24 11:50	08/20/24 01:19	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (1.5')

Lab Sample ID: 880-47337-16

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/19/24 11:50	08/20/24 01:19	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/19/24 11:50	08/20/24 01:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/19/24 11:50	08/20/24 01:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/19/24 11:50	08/20/24 01:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/19/24 11:50	08/20/24 01:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/19/24 11:50	08/20/24 01:19	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			08/20/24 01:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	165		50.2		mg/Kg			08/21/24 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/21/24 08:52	08/21/24 18:43	1
Diesel Range Organics (Over C10-C28)	165		50.2		mg/Kg		08/21/24 08:52	08/21/24 18:43	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/21/24 08:52	08/21/24 18:43	1
Total TPH	165		50.2		mg/Kg		08/21/24 08:52	08/21/24 18:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	127		70 - 130	08/21/24 08:52	08/21/24 18:43	1
o-Terphenyl	108		70 - 130	08/21/24 08:52	08/21/24 18:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3760		50.2		mg/Kg			08/19/24 22:13	10

Client Sample ID: S-5 (2.0')

Lab Sample ID: 880-47337-17

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 11:50	08/20/24 01:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 01:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 01:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/19/24 11:50	08/20/24 01:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/19/24 11:50	08/20/24 01:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/19/24 11:50	08/20/24 01:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/19/24 11:50	08/20/24 01:40	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/19/24 11:50	08/20/24 01:40	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-17
Matrix: Solid

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			08/20/24 01:40	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.1	U	50.1		mg/Kg			08/21/24 19:00	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 19:00	1	
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 19:00	1	
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 19:00	1	
Total TPH	<50.1	U	50.1		mg/Kg		08/21/24 08:52	08/21/24 19:00	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	120		70 - 130				08/21/24 08:52	08/21/24 19:00	1	
o-Terphenyl	102		70 - 130				08/21/24 08:52	08/21/24 19:00	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	7050		99.6		mg/Kg			08/19/24 22:20	20	

Surrogate Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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)
880-47337-1	S-1 (0-0.5')	93	106
880-47337-1 MS	S-1 (0-0.5')	102	106
880-47337-1 MSD	S-1 (0-0.5')	108	104
880-47337-2	S-1 (1.5')	107	112
880-47337-3	S-1 (2.0')	107	112
880-47337-4	S-1 (3.0')	114	117
880-47337-5	S-2 (0-0.5')	114	113
880-47337-6	S-2 (1.5')	118	120
880-47337-7	S-2 (2.0')	124	117
880-47337-8	S-3 (0-0.5')	120	115
880-47337-9	S-3 (1.5')	122	117
880-47337-10	S-3 (2.0')	119	115
880-47337-11	S-3 (3.0')	111	98
880-47337-12	S-4 (0-0.5')	111	98
880-47337-13	S-4 (1.5')	111	102
880-47337-14	S-4 (2.0')	110	100
880-47337-15	S-5 (0-0.5')	114	100
880-47337-16	S-5 (1.5')	112	101
880-47337-17	S-5 (2.0')	114	99
880-47351-A-1-A MS	Matrix Spike	101	108
880-47351-A-1-B MSD	Matrix Spike Duplicate	99	106
LCS 880-88785/1-A	Lab Control Sample	100	98
LCS 880-88830/1-A	Lab Control Sample	101	106
LCSD 880-88785/2-A	Lab Control Sample Dup	97	101
LCSD 880-88830/2-A	Lab Control Sample Dup	101	108
MB 880-88653/5-A	Method Blank	102	91
MB 880-88672/5-A	Method Blank	185 S1+	130
MB 880-88785/5-A	Method Blank	196 S1+	129
MB 880-88830/5-A	Method Blank	105	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-47337-1	S-1 (0-0.5')	108	97
880-47337-2	S-1 (1.5')	121	104
880-47337-3	S-1 (2.0')	123	109
880-47337-4	S-1 (3.0')	135 S1+	117
880-47337-5	S-2 (0-0.5')	141 S1+	122
880-47337-6	S-2 (1.5')	126	109
880-47337-7	S-2 (2.0')	124	108
880-47337-8	S-3 (0-0.5')	131 S1+	112
880-47337-9	S-3 (1.5')	122	106
880-47337-10	S-3 (2.0')	108	94

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-47337-1

Project/Site: Cedar Transfer Line

SDG: Eddy Co, NM

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)
880-47337-11	S-3 (3.0')	112	97
880-47337-12	S-4 (0-0.5')	107	93
880-47337-13	S-4 (1.5')	114	100
880-47337-14	S-4 (2.0')	114	100
880-47337-15	S-5 (0-0.5')	120	104
880-47337-16	S-5 (1.5')	127	108
880-47337-17	S-5 (2.0')	120	102
890-7030-A-1-B MS	Matrix Spike	138 S1+	110
890-7030-A-1-C MSD	Matrix Spike Duplicate	139 S1+	112
LCS 880-89022/2-A	Lab Control Sample	117	102
LCSD 880-89022/3-A	Lab Control Sample Dup	116	100
MB 880-89022/1-A	Method Blank	89	76
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-88653/5-A

Matrix: Solid

Analysis Batch: 88775

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88653

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/24 12:27	08/19/24 11:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/24 12:27	08/19/24 11:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/24 12:27	08/19/24 11:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/24 12:27	08/19/24 11:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/24 12:27	08/19/24 11:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/24 12:27	08/19/24 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/16/24 12:27	08/19/24 11:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/16/24 12:27	08/19/24 11:42	1

Lab Sample ID: MB 880-88672/5-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/24 13:55	08/19/24 12:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130	08/16/24 13:55	08/19/24 12:14	1
1,4-Difluorobenzene (Surr)	130		70 - 130	08/16/24 13:55	08/19/24 12:14	1

Lab Sample ID: MB 880-88785/5-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88785

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/24 09:27	08/19/24 23:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130	08/19/24 09:27	08/19/24 23:56	1
1,4-Difluorobenzene (Surr)	129		70 - 130	08/19/24 09:27	08/19/24 23:56	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-88785/1-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 88785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1187		mg/Kg		119	70 - 130
Toluene	0.100	0.1114		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1093		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2330		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1336	*+	mg/Kg		134	70 - 130

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

Lab Sample ID: LCSD 880-88785/2-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 88785

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.1149		mg/Kg		115	70 - 130	3	35
Toluene	0.100	0.1120		mg/Kg		112	70 - 130	0	35
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130	8	35
o-Xylene	0.100	0.1213		mg/Kg		121	70 - 130	10	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-47337-1 MS

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: S-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 88785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1082		mg/Kg		108	70 - 130
Toluene	<0.00200	U	0.100	0.09273		mg/Kg		93	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07729		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1761		mg/Kg		88	70 - 130
o-Xylene	<0.00200	U *+	0.100	0.09825		mg/Kg		98	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-47337-1 MSD

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: S-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 88785

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	0.09963		mg/Kg		100	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08850		mg/Kg		89	70 - 130	5	35
Ethylbenzene	<0.00200	U	0.100	0.07338		mg/Kg		73	70 - 130	5	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-47337-1 MSD

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: S-1 (0-0.5')

Prep Type: Total/NA

Prep Batch: 88785

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1648		mg/Kg		82	70 - 130	7	35
o-Xylene	<0.00200	U *	0.100	0.09362		mg/Kg		94	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	108		70 - 130								
1,4-Difluorobenzene (Surr)	104		70 - 130								

Lab Sample ID: MB 880-88830/5-A

Matrix: Solid

Analysis Batch: 88775

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88830

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/19/24 22:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/19/24 22:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/19/24 22:34	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/24 11:50	08/19/24 22:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/24 11:50	08/19/24 22:34	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/24 11:50	08/19/24 22:34	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/19/24 11:50	08/19/24 22:34	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/19/24 11:50	08/19/24 22:34	1

Lab Sample ID: LCS 880-88830/1-A

Matrix: Solid

Analysis Batch: 88775

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 88830

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1130		mg/Kg		113	70 - 130
Toluene	0.100	0.1037		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.1051		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2110		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1073		mg/Kg		107	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		70 - 130				
1,4-Difluorobenzene (Surr)	106		70 - 130				

Lab Sample ID: LCSD 880-88830/2-A

Matrix: Solid

Analysis Batch: 88775

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 88830

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1188		mg/Kg		119	70 - 130	5	35
Toluene	0.100	0.1079		mg/Kg		108	70 - 130	4	35
Ethylbenzene	0.100	0.1092		mg/Kg		109	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2187		mg/Kg		109	70 - 130	4	35
o-Xylene	0.100	0.1113		mg/Kg		111	70 - 130	4	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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

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

Lab Sample ID: 880-47351-A-1-A MS

Matrix: Solid

Analysis Batch: 88775

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 88830

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.1129		mg/Kg		113	70 - 130
Toluene	<0.00200	U	0.100	0.1023		mg/Kg		102	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.1033		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2068		mg/Kg		103	70 - 130
o-Xylene	<0.00200	U	0.100	0.1045		mg/Kg		105	70 - 130

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

Lab Sample ID: 880-47351-A-1-B MSD

Matrix: Solid

Analysis Batch: 88775

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 88830

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	0.1090		mg/Kg		109	70 - 130	4	35
Toluene	<0.00200	U	0.100	0.09903		mg/Kg		99	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.1002		mg/Kg		100	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.200	0.2016		mg/Kg		101	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.1013		mg/Kg		101	70 - 130	3	35

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

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

Lab Sample ID: MB 880-89022/1-A

Matrix: Solid

Analysis Batch: 89060

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89022

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		08/20/24 17:55	08/21/24 01:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/20/24 17:55	08/21/24 01:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/20/24 17:55	08/21/24 01:33	1
Total TPH	<50.0	U	50.0		mg/Kg		08/20/24 17:55	08/21/24 01:33	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	89		70 - 130	08/20/24 17:55	08/21/24 01:33	1			
o-Terphenyl	76		70 - 130	08/20/24 17:55	08/21/24 01:33	1			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-89022/2-A

Matrix: Solid

Analysis Batch: 89060

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89022

Analyte			Spike	LCS	LCS				%Rec		
			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1172		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1086		mg/Kg		109	70 - 130		
		LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	117		70 - 130								
o-Terphenyl	102		70 - 130								

Lab Sample ID: LCSD 880-89022/3-A

Matrix: Solid

Analysis Batch: 89060

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89022

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1067		mg/Kg		107	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	1038		mg/Kg		104	70 - 130	4	20

Lab Sample ID: 890-7030-A-1-B MS

Matrix: Solid

Analysis Batch: 89060

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89022

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1010	1152		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1126		mg/Kg		112	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	138	S1+	70 - 130								
o-Terphenyl	110		70 - 130								

Lab Sample ID: 890-7030-A-1-C MSD

Matrix: Solid

Analysis Batch: 89060

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89022

	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	<49.8	U	1010	1174		mg/Kg		116	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1010	1138		mg/Kg		113	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	139	S1+	70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-7030-A-1-C MSD

Matrix: Solid

Analysis Batch: 89060

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89022

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	112		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-88865/1-A

Matrix: Solid

Analysis Batch: 88873

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<5.00	U		5.00		mg/Kg			08/19/24 21:31	1

Lab Sample ID: LCS 880-88865/2-A

Matrix: Solid

Analysis Batch: 88873

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec	
		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride		250	241.0		mg/Kg		96	90 - 110	

Lab Sample ID: LCSD 880-88865/3-A

Matrix: Solid

Analysis Batch: 88873

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	241.4		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-47337-14 MS

Matrix: Solid

Analysis Batch: 88873

Client Sample ID: S-4 (2.0')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS			%Rec	
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Chloride	6550		4960	11940		mg/Kg		109	90 - 110

Lab Sample ID: 880-47337-14 MSD

Matrix: Solid

Analysis Batch: 88873

Client Sample ID: S-4 (2.0')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD			%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Chloride	6550		4960	11890		mg/Kg		108	90 - 110	0 20

Lab Sample ID: MB 880-88754/1-A

Matrix: Solid

Analysis Batch: 88983

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier								
Chloride	<5.00	U		5.00		mg/Kg			08/21/24 05:16	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-88754/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 88983											
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	233.9		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-88754/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 88983											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	234.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-47337-4 MS				Client Sample ID: S-1 (3.0')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 88983											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	8600	F1	5030	14500	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-47337-4 MSD				Client Sample ID: S-1 (3.0')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 88983											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	8600	F1	5030	14520	F1	mg/Kg		118	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 88653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-88653/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 88672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-88672/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 88775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-11	S-3 (3.0')	Total/NA	Solid	8021B	88830
880-47337-12	S-4 (0-0.5')	Total/NA	Solid	8021B	88830
880-47337-13	S-4 (1.5')	Total/NA	Solid	8021B	88830
880-47337-14	S-4 (2.0')	Total/NA	Solid	8021B	88830
880-47337-15	S-5 (0-0.5')	Total/NA	Solid	8021B	88830
880-47337-16	S-5 (1.5')	Total/NA	Solid	8021B	88830
880-47337-17	S-5 (2.0')	Total/NA	Solid	8021B	88830
MB 880-88653/5-A	Method Blank	Total/NA	Solid	8021B	88653
MB 880-88830/5-A	Method Blank	Total/NA	Solid	8021B	88830
LCS 880-88830/1-A	Lab Control Sample	Total/NA	Solid	8021B	88830
LCSD 880-88830/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	88830
880-47351-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	88830
880-47351-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	88830

Analysis Batch: 88780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Total/NA	Solid	8021B	88785
880-47337-2	S-1 (1.5')	Total/NA	Solid	8021B	88785
880-47337-3	S-1 (2.0')	Total/NA	Solid	8021B	88785
880-47337-4	S-1 (3.0')	Total/NA	Solid	8021B	88785
880-47337-5	S-2 (0-0.5')	Total/NA	Solid	8021B	88785
880-47337-6	S-2 (1.5')	Total/NA	Solid	8021B	88785
880-47337-7	S-2 (2.0')	Total/NA	Solid	8021B	88785
880-47337-8	S-3 (0-0.5')	Total/NA	Solid	8021B	88785
880-47337-9	S-3 (1.5')	Total/NA	Solid	8021B	88785
880-47337-10	S-3 (2.0')	Total/NA	Solid	8021B	88785
MB 880-88672/5-A	Method Blank	Total/NA	Solid	8021B	88672
MB 880-88785/5-A	Method Blank	Total/NA	Solid	8021B	88785
LCS 880-88785/1-A	Lab Control Sample	Total/NA	Solid	8021B	88785
LCSD 880-88785/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	88785
880-47337-1 MS	S-1 (0-0.5')	Total/NA	Solid	8021B	88785
880-47337-1 MSD	S-1 (0-0.5')	Total/NA	Solid	8021B	88785

Prep Batch: 88785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Total/NA	Solid	5035	
880-47337-2	S-1 (1.5')	Total/NA	Solid	5035	
880-47337-3	S-1 (2.0')	Total/NA	Solid	5035	
880-47337-4	S-1 (3.0')	Total/NA	Solid	5035	
880-47337-5	S-2 (0-0.5')	Total/NA	Solid	5035	
880-47337-6	S-2 (1.5')	Total/NA	Solid	5035	
880-47337-7	S-2 (2.0')	Total/NA	Solid	5035	
880-47337-8	S-3 (0-0.5')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 88785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-9	S-3 (1.5')	Total/NA	Solid	5035	
880-47337-10	S-3 (2.0')	Total/NA	Solid	5035	
MB 880-88785/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-88785/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-88785/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47337-1 MS	S-1 (0-0.5')	Total/NA	Solid	5035	
880-47337-1 MSD	S-1 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 88830

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-11	S-3 (3.0')	Total/NA	Solid	5035	
880-47337-12	S-4 (0-0.5')	Total/NA	Solid	5035	
880-47337-13	S-4 (1.5')	Total/NA	Solid	5035	
880-47337-14	S-4 (2.0')	Total/NA	Solid	5035	
880-47337-15	S-5 (0-0.5')	Total/NA	Solid	5035	
880-47337-16	S-5 (1.5')	Total/NA	Solid	5035	
880-47337-17	S-5 (2.0')	Total/NA	Solid	5035	
MB 880-88830/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-88830/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-88830/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47351-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-47351-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 88948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47337-2	S-1 (1.5')	Total/NA	Solid	Total BTEX	
880-47337-3	S-1 (2.0')	Total/NA	Solid	Total BTEX	
880-47337-4	S-1 (3.0')	Total/NA	Solid	Total BTEX	
880-47337-5	S-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47337-6	S-2 (1.5')	Total/NA	Solid	Total BTEX	
880-47337-7	S-2 (2.0')	Total/NA	Solid	Total BTEX	
880-47337-8	S-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47337-9	S-3 (1.5')	Total/NA	Solid	Total BTEX	
880-47337-10	S-3 (2.0')	Total/NA	Solid	Total BTEX	
880-47337-11	S-3 (3.0')	Total/NA	Solid	Total BTEX	
880-47337-12	S-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47337-13	S-4 (1.5')	Total/NA	Solid	Total BTEX	
880-47337-14	S-4 (2.0')	Total/NA	Solid	Total BTEX	
880-47337-15	S-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47337-16	S-5 (1.5')	Total/NA	Solid	Total BTEX	
880-47337-17	S-5 (2.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 89022

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47337-2	S-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-47337-3	S-1 (2.0')	Total/NA	Solid	8015NM Prep	
880-47337-4	S-1 (3.0')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 89022 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-5	S-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47337-6	S-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-47337-7	S-2 (2.0')	Total/NA	Solid	8015NM Prep	
880-47337-8	S-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47337-9	S-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-47337-10	S-3 (2.0')	Total/NA	Solid	8015NM Prep	
880-47337-11	S-3 (3.0')	Total/NA	Solid	8015NM Prep	
880-47337-12	S-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47337-13	S-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-47337-14	S-4 (2.0')	Total/NA	Solid	8015NM Prep	
880-47337-15	S-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47337-16	S-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-47337-17	S-5 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-89022/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89022/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7030-A-1-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7030-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 89060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Total/NA	Solid	8015B NM	89022
880-47337-2	S-1 (1.5')	Total/NA	Solid	8015B NM	89022
880-47337-3	S-1 (2.0')	Total/NA	Solid	8015B NM	89022
880-47337-4	S-1 (3.0')	Total/NA	Solid	8015B NM	89022
880-47337-5	S-2 (0-0.5')	Total/NA	Solid	8015B NM	89022
880-47337-6	S-2 (1.5')	Total/NA	Solid	8015B NM	89022
880-47337-7	S-2 (2.0')	Total/NA	Solid	8015B NM	89022
880-47337-8	S-3 (0-0.5')	Total/NA	Solid	8015B NM	89022
880-47337-9	S-3 (1.5')	Total/NA	Solid	8015B NM	89022
880-47337-10	S-3 (2.0')	Total/NA	Solid	8015B NM	89022
880-47337-11	S-3 (3.0')	Total/NA	Solid	8015B NM	89022
880-47337-12	S-4 (0-0.5')	Total/NA	Solid	8015B NM	89022
880-47337-13	S-4 (1.5')	Total/NA	Solid	8015B NM	89022
880-47337-14	S-4 (2.0')	Total/NA	Solid	8015B NM	89022
880-47337-15	S-5 (0-0.5')	Total/NA	Solid	8015B NM	89022
880-47337-16	S-5 (1.5')	Total/NA	Solid	8015B NM	89022
880-47337-17	S-5 (2.0')	Total/NA	Solid	8015B NM	89022
MB 880-89022/1-A	Method Blank	Total/NA	Solid	8015B NM	89022
LCS 880-89022/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89022
LCSD 880-89022/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89022
890-7030-A-1-B MS	Matrix Spike	Total/NA	Solid	8015B NM	89022
890-7030-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89022

Analysis Batch: 89169

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-47337-2	S-1 (1.5')	Total/NA	Solid	8015 NM	
880-47337-3	S-1 (2.0')	Total/NA	Solid	8015 NM	
880-47337-4	S-1 (3.0')	Total/NA	Solid	8015 NM	
880-47337-5	S-2 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 89169 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-6	S-2 (1.5')	Total/NA	Solid	8015 NM	
880-47337-7	S-2 (2.0')	Total/NA	Solid	8015 NM	
880-47337-8	S-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-47337-9	S-3 (1.5')	Total/NA	Solid	8015 NM	
880-47337-10	S-3 (2.0')	Total/NA	Solid	8015 NM	
880-47337-11	S-3 (3.0')	Total/NA	Solid	8015 NM	
880-47337-12	S-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-47337-13	S-4 (1.5')	Total/NA	Solid	8015 NM	
880-47337-14	S-4 (2.0')	Total/NA	Solid	8015 NM	
880-47337-15	S-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-47337-16	S-5 (1.5')	Total/NA	Solid	8015 NM	
880-47337-17	S-5 (2.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 88754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Soluble	Solid	DI Leach	
880-47337-2	S-1 (1.5')	Soluble	Solid	DI Leach	
880-47337-3	S-1 (2.0')	Soluble	Solid	DI Leach	
880-47337-4	S-1 (3.0')	Soluble	Solid	DI Leach	
880-47337-5	S-2 (0-0.5')	Soluble	Solid	DI Leach	
880-47337-6	S-2 (1.5')	Soluble	Solid	DI Leach	
880-47337-7	S-2 (2.0')	Soluble	Solid	DI Leach	
880-47337-8	S-3 (0-0.5')	Soluble	Solid	DI Leach	
880-47337-9	S-3 (1.5')	Soluble	Solid	DI Leach	
880-47337-10	S-3 (2.0')	Soluble	Solid	DI Leach	
880-47337-11	S-3 (3.0')	Soluble	Solid	DI Leach	
880-47337-12	S-4 (0-0.5')	Soluble	Solid	DI Leach	
880-47337-13	S-4 (1.5')	Soluble	Solid	DI Leach	
MB 880-88754/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-88754/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-88754/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47337-4 MS	S-1 (3.0')	Soluble	Solid	DI Leach	
880-47337-4 MSD	S-1 (3.0')	Soluble	Solid	DI Leach	

Leach Batch: 88865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-14	S-4 (2.0')	Soluble	Solid	DI Leach	
880-47337-15	S-5 (0-0.5')	Soluble	Solid	DI Leach	
880-47337-16	S-5 (1.5')	Soluble	Solid	DI Leach	
880-47337-17	S-5 (2.0')	Soluble	Solid	DI Leach	
MB 880-88865/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-88865/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-88865/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47337-14 MS	S-4 (2.0')	Soluble	Solid	DI Leach	
880-47337-14 MSD	S-4 (2.0')	Soluble	Solid	DI Leach	

Analysis Batch: 88873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-14	S-4 (2.0')	Soluble	Solid	300.0	88865

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 88873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-15	S-5 (0-0.5')	Soluble	Solid	300.0	88865
880-47337-16	S-5 (1.5')	Soluble	Solid	300.0	88865
880-47337-17	S-5 (2.0')	Soluble	Solid	300.0	88865
MB 880-88865/1-A	Method Blank	Soluble	Solid	300.0	88865
LCS 880-88865/2-A	Lab Control Sample	Soluble	Solid	300.0	88865
LCSD 880-88865/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	88865
880-47337-14 MS	S-4 (2.0')	Soluble	Solid	300.0	88865
880-47337-14 MSD	S-4 (2.0')	Soluble	Solid	300.0	88865

Analysis Batch: 88983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-1	S-1 (0-0.5')	Soluble	Solid	300.0	88754
880-47337-2	S-1 (1.5')	Soluble	Solid	300.0	88754
880-47337-3	S-1 (2.0')	Soluble	Solid	300.0	88754
880-47337-4	S-1 (3.0')	Soluble	Solid	300.0	88754
880-47337-5	S-2 (0-0.5')	Soluble	Solid	300.0	88754
880-47337-6	S-2 (1.5')	Soluble	Solid	300.0	88754
880-47337-7	S-2 (2.0')	Soluble	Solid	300.0	88754
880-47337-8	S-3 (0-0.5')	Soluble	Solid	300.0	88754
880-47337-9	S-3 (1.5')	Soluble	Solid	300.0	88754
880-47337-10	S-3 (2.0')	Soluble	Solid	300.0	88754
880-47337-11	S-3 (3.0')	Soluble	Solid	300.0	88754
880-47337-12	S-4 (0-0.5')	Soluble	Solid	300.0	88754
880-47337-13	S-4 (1.5')	Soluble	Solid	300.0	88754
MB 880-88754/1-A	Method Blank	Soluble	Solid	300.0	88754
LCS 880-88754/2-A	Lab Control Sample	Soluble	Solid	300.0	88754
LCSD 880-88754/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	88754
880-47337-4 MS	S-1 (3.0')	Soluble	Solid	300.0	88754
880-47337-4 MSD	S-1 (3.0')	Soluble	Solid	300.0	88754

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-1
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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 00:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 00:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 14:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 14:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		100	50 mL	50 mL	88983	08/21/24 07:01	CH	EET MID

Client Sample ID: S-1 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-2
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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 00:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 00:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 14:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 14:27	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	88983	08/21/24 07:08	CH	EET MID

Client Sample ID: S-1 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-3
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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 01:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 01:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 14:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 14:44	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	88983	08/21/24 07:16	CH	EET MID

Client Sample ID: S-1 (3.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-4
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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 01:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 01:26	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-1 (3.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-4
Matrix: Solid

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			89169	08/21/24 15:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 15:02	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	88983	08/21/24 07:23	CH	EET MID

Client Sample ID: S-2 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-5
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			4.97 g	5 mL	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 01:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 01:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 15:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 15:19	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	88983	08/21/24 07:46	CH	EET MID

Client Sample ID: S-2 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-6
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			5.00 g	5 mL	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 02:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 02:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 15:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 15:35	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	88983	08/21/24 07:53	CH	EET MID

Client Sample ID: S-2 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-7
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			4.97 g	5 mL	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 02:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 02:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 15:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 15:52	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-2 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-7
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			4.98 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	88983	08/21/24 08:16	CH	EET MID

Client Sample ID: S-3 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-8
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			4.96 g	5 mL	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 02:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 02:48	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 16:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 16:09	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		100	50 mL	50 mL	88983	08/21/24 08:23	CH	EET MID

Client Sample ID: S-3 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-9
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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 03:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 03:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 16:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 16:43	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	88983	08/21/24 08:31	CH	EET MID

Client Sample ID: S-3 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-10
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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 03:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 03:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 17:01	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 17:01	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	88983	08/21/24 08:38	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-3 (3.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-11
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	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/19/24 23:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/19/24 23:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 17:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 17:18	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		2	50 mL	50 mL	88983	08/21/24 08:46	CH	EET MID

Client Sample ID: S-4 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-12
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	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/19/24 23:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/19/24 23:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 17:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 17:35	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		100	50 mL	50 mL	88983	08/21/24 08:53	CH	EET MID

Client Sample ID: S-4 (1.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-13
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			4.97 g	5 mL	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/20/24 00:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 00:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 17:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	88983	08/21/24 09:01	CH	EET MID

Client Sample ID: S-4 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-14
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			5.00 g	5 mL	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/20/24 00:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 00:38	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-4 (2.0')**Lab Sample ID: 880-47337-14****Date Collected: 08/13/24 00:00****Matrix: Solid****Date Received: 08/16/24 15:05**

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			89169	08/21/24 18:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 18:09	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	88865	08/19/24 15:03	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	88873	08/19/24 21:49	CH	EET MID

Client Sample ID: S-5 (0-0.5')**Lab Sample ID: 880-47337-15****Date Collected: 08/13/24 00:00****Matrix: Solid****Date Received: 08/16/24 15:05**

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	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/20/24 00:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 00:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 18:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.949 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 18:26	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	88865	08/19/24 15:03	SA	EET MID
Soluble	Analysis	300.0		100	50 mL	50 mL	88873	08/19/24 22:07	CH	EET MID

Client Sample ID: S-5 (1.5')**Lab Sample ID: 880-47337-16****Date Collected: 08/13/24 00:00****Matrix: Solid****Date Received: 08/16/24 15:05**

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	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/20/24 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 01:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 18:43	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 18:43	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	88865	08/19/24 15:03	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	88873	08/19/24 22:13	CH	EET MID

Client Sample ID: S-5 (2.0')**Lab Sample ID: 880-47337-17****Date Collected: 08/13/24 00:00****Matrix: Solid****Date Received: 08/16/24 15:05**

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	88830	08/19/24 11:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88775	08/20/24 01:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88948	08/20/24 01:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			89169	08/21/24 19:00	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	89022	08/21/24 08:52	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89060	08/21/24 19:00	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Client Sample ID: S-5 (2.0')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47337-17
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			5.02 g	50 mL	88865	08/19/24 15:03	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	88873	08/19/24 22:20	CH	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47337-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47337-1	S-1 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-2	S-1 (1.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-3	S-1 (2.0')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-4	S-1 (3.0')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-5	S-2 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-6	S-2 (1.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-7	S-2 (2.0')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-8	S-3 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-9	S-3 (1.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-10	S-3 (2.0')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-11	S-3 (3.0')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-12	S-4 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-13	S-4 (1.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-14	S-4 (2.0')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-15	S-5 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-16	S-5 (1.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47337-17	S-5 (2.0')	Solid	08/13/24 00:00	08/16/24 15:05

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Chain of Custody



880-47337 Chain of Custody

Page 1 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 500	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432-813-6823	Email:	joseph.vargo@nngle.com

Work Order Comments	
Program: UST/PST ☐ PRF ☐ Brownfield ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ PST/US ☐ TRR ☐ Level I ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Cedar Transfer Line		Turn Around		Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2484	☒ Routine	☐ Rush	Due Date:	Standard														None: NO	DI Water: H ₂ O
Project Location	Eddy Co, NM																		Cool: Cool	MeOH: Me
Sampler's Name:	FV																		HCL: HC	HNO ₃ : HN
PO #																			H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes ☒ No ☐	Wet Ice:	Yes ☒ No ☐														H ₃ PO ₄ : HP	
Received In tact:	Yes ☒ No ☐	Thermometer ID:	7238																NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes ☒ No ☐ N/A	Correction Factor:	0.5																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes ☒ No ☐ N/A	Temperature Reading:	0.3																Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:	0.3																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont													Sample Comments
S-1 (0-0.5')		8/13/2024		X		G	1	X	X	X										
S-1 (1.5')		8/13/2024		X		G	1	X	X	X										
S-1 (2.0')		8/13/2024		X		G	1	X	X	X										
S-1 (3.0')		8/13/2024		X		G	1	X	X	X										
S-2 (0-0.5')		8/13/2024		X		G	1	X	X	X										
S-2 (1.5')		8/13/2024		X		G	1	X	X	X										
S-2 (2.0')		8/13/2024		X		G	1	X	X	X										
S-3 (0-0.5')		8/13/2024		X		G	1	X	X	X										
S-3 (1.5')		8/13/2024		X		G	1	X	X	X										
S-3 (2.0')		8/13/2024		X		G	1	X	X	X										

Comments:

Relinquished by: (Signature)

Cole Muehling

Date/Time

8-16-24

Received by: (Signature)

Date/Time

8/16/24 1:30

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Chain of Custody

Work Order No: 47337

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Permian
Address:	310 W Wall St Ste 500	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432-813-6823	Email:	joseph.vargo@nadlep.com

Work Order Comments	
Program: UST/PST ☐ PRF ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting Level I ☐ Level II ☐ PST/UST ☐ TRR ☐ Level N ☐	
Deliverables: EDD ☐ ADAPT ☐ Other:	

Project Name:		Cedar Transfer Line		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2484	☒ Routine	☐ Rush					None: NO	DI Water: H ₂ O												
Project Location:	Eddy Co. NM	Due Date:	Standard														Cool: Cool	MeOH: Me			
Sampler's Name:	FV																HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes	No	Thermometer ID:	Yes	No	Wet Ice:	Yes	No							H ₃ PO ₄ : HP				
Received Intact:		Yes	No		Correction Factor:												NaHSO ₄ : NABIS				
Cooler Custody Seals:		Yes	No	N/A	Temperature Reading:												Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:		Yes	No	N/A	Corrected Temperature:												Zn Acetate+NaOH: Zn				
Total Containers:																	NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
S-3 (3.0')		8/13/2024		X		G	1	X	X	X											
S-4 (0-0.5')		8/13/2024		X		G	1	X	X	X											
S-4 (1.5')		8/13/2024		X		G	1	X	X	X											
S-4 (2.0')		8/13/2024		X		G	1	X	X	X											
S-5 (0-0.5')		8/13/2024		X		G	1	X	X	X											
S-5 (1.5')		8/13/2024		X		G	1	X	X	X											
S-5 (2.0')		8/13/2024		X		G	1	X	X	X											

Comments:

Relinquished by: (Signature)		Date/Time	Received by: (Signature)	Date/Time
<i>Edu. Moehring</i>		8-16-24	<i>[Signature]</i>	8/16/24 1505

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-47337-1

SDG Number: Eddy Co, NM

Login Number: 47337

List Source: Eurofins Midland

List Number: 1

Creator: Vasquez, Julisa

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: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 10/2/2024 12:16:16 PM

JOB DESCRIPTION

Cedar Transfer Line
Eddy Co, NM

JOB NUMBER

880-49076-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
10/2/2024 12:16:16 PM

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

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Laboratory Job ID: 880-49076-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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.
α	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: Cedar Transfer Line

Job ID: 880-49076-1

Job ID: 880-49076-1

Eurofins Midland

Job Narrative
880-49076-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/27/2024 1:05 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 -1.2°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: T-1 (0-1') (880-49076-1), T-1 (1.5') (880-49076-2), T-1 (2') (880-49076-3), T-1 (3') (880-49076-4), T-1 (4') (880-49076-5), T-1 (5') (880-49076-6), T-1 (6') (880-49076-7), T-1 (7') (880-49076-8), T-1 (8') (880-49076-9), T-1 (9') (880-49076-10), T-2 (0-1') (880-49076-11), T-2 (1.5') (880-49076-12), T-2 (2') (880-49076-13), T-2 (3') (880-49076-14), T-2 (4') (880-49076-15), T-2 (5') (880-49076-16), T-2 (6') (880-49076-17), T-2 (7') (880-49076-18), T-2 (8') (880-49076-19), T-2 (9') (880-49076-20), T-2 (10') (880-49076-21), T-2 (11') (880-49076-22), T-2 (12') (880-49076-23), T-3 (0-1') (880-49076-24), T-3 (1.5') (880-49076-25), T-3 (2') (880-49076-26), T-3 (3') (880-49076-27), T-3 (4') (880-49076-28), T-3 (5') (880-49076-29), T-3 (6') (880-49076-30), T-3 (7') (880-49076-31), T-3 (8') (880-49076-32), T-3 (9') (880-49076-33), T-3 (10') (880-49076-34), T-3 (11') (880-49076-35), T-3 (12') (880-49076-36), T-4 (0-1') (880-49076-37), T-4 (1.5') (880-49076-38), T-4 (2') (880-49076-39), T-4 (3') (880-49076-40), T-4 (4') (880-49076-41), T-4 (5') (880-49076-42), T-4 (6') (880-49076-43), T-4 (7') (880-49076-44), T-4 (8') (880-49076-45), T-4 (9') (880-49076-46), T-4 (10') (880-49076-47), T-4 (11') (880-49076-48), T-4 (12') (880-49076-49), T-5 (0-1') (880-49076-50), T-5 (1.5') (880-49076-51), T-5 (2') (880-49076-52), T-5 (3') (880-49076-53), T-5 (4') (880-49076-54), T-5 (5') (880-49076-55), T-5 (6') (880-49076-56), T-5 (7') (880-49076-57), T-5 (8') (880-49076-58), T-5 (9') (880-49076-59), T-5 (10') (880-49076-60), T-5 (11') (880-49076-61) and T-5 (12') (880-49076-62).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-3 (1.5') (880-49076-25), T-3 (2') (880-49076-26), T-3 (3') (880-49076-27), T-3 (9') (880-49076-33), T-3 (10') (880-49076-34), T-3 (11') (880-49076-35), T-3 (12') (880-49076-36), T-4 (1.5') (880-49076-38), T-4 (2') (880-49076-39) and T-4 (3') (880-49076-40). 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 880-91921 and 880-91961 and analytical batch 880-91882 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-91959 and analytical batch 880-91883 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-91883 recovered above the upper control limit for Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-91883/51).

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 surrogate recovery for the blank associated with preparation batch 880-91957 and analytical batch 880-92179 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-91957 and analytical batch 880-92179 contained Diesel

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: Cedar Transfer Line

Job ID: 880-49076-1

Job ID: 880-49076-1 (Continued)

Eurofins Midland

Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: T-2 (10') (880-49076-21) and (LCS 880-91957/2-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: The method blank for preparation batch 880-91960 and analytical batch 880-92182 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91960 and analytical batch 880-92182 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-91963 and analytical batch 880-92182 was outside the control limits.

Method 8015MOD_NM: The laboratory control sample (LCS) associated with preparation batch 880-91960 and analytical batch 880-92182 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 8015MOD_NM: An incorrect volume of surrogate spiking solution was inadvertently added the following samples: (LCS 880-91960/2-A) and (LCSD 880-91960/3-A). Percent recoveries are based on the amount spiked.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-91963/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-92182 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated samples are impacted: (CCV 880-92182/21) and (CCV 880-92182/48).

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-92179 recovered below the lower control limit for Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-92179/21).

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 and precision for preparation batch 880-92099 and analytical batch 880-92161 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-92099 and analytical batch 880-92161 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-92094 and analytical batch 880-92160 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (0-1')

Lab Sample ID: 880-49076-1

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- F1	0.00201		mg/Kg		09/27/24 15:22	09/27/24 22:18	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		09/27/24 15:22	09/27/24 22:18	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		09/27/24 15:22	09/27/24 22:18	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		09/27/24 15:22	09/27/24 22:18	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		09/27/24 15:22	09/27/24 22:18	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		09/27/24 15:22	09/27/24 22:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/27/24 15:22	09/27/24 22:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/27/24 15:22	09/27/24 22:18	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			09/27/24 22:18	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			09/30/24 17:22	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	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 17:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 17:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	09/27/24 15:16	09/30/24 17:22	1
o-Terphenyl	90		70 - 130	09/27/24 15:16	09/30/24 17:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30500		248		mg/Kg			10/01/24 17:45	50

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49076-2

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/27/24 22:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 22:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 22:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/27/24 22:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 22:38	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/27/24 22:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/27/24 15:22	09/27/24 22:38	1
1,4-Difluorobenzene (Surr)	95		70 - 130	09/27/24 15:22	09/27/24 22:38	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (1.5')

Lab Sample ID: 880-49076-2

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/27/24 22:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 18:07	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	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 18:07	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 18:07	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/27/24 15:16	09/30/24 18:07	1
o-Terphenyl	95		70 - 130				09/27/24 15:16	09/30/24 18:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19000		253		mg/Kg			10/01/24 17:51	50

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49076-3

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/27/24 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/27/24 22:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/27/24 22:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/27/24 22:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/27/24 22:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/27/24 22:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130				09/27/24 15:22	09/27/24 22:59	1
1,4-Difluorobenzene (Surr)	85		70 - 130				09/27/24 15:22	09/27/24 22:59	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			09/27/24 22:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/30/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 18:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 18:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (2')

Lab Sample ID: 880-49076-3

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:16	09/30/24 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/27/24 15:16	09/30/24 18:23	1
o-Terphenyl	98		70 - 130				09/27/24 15:16	09/30/24 18:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1380		49.8		mg/Kg			10/01/24 18:10	10

Client Sample ID: T-1 (3')

Lab Sample ID: 880-49076-4

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/27/24 23:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/27/24 23:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/27/24 23:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/27/24 23:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/27/24 23:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/27/24 23:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/27/24 15:22	09/27/24 23:19	1
1,4-Difluorobenzene (Surr)	98		70 - 130				09/27/24 15:22	09/27/24 23:19	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			09/27/24 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 18:38	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	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 18:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 18:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/27/24 15:16	09/30/24 18:38	1
o-Terphenyl	91		70 - 130				09/27/24 15:16	09/30/24 18:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1720		49.6		mg/Kg			10/01/24 18:17	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (4')

Lab Sample ID: 880-49076-5

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/27/24 23:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 23:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 23:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/27/24 23:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 23:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/27/24 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/27/24 15:22	09/27/24 23:40	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/27/24 15:22	09/27/24 23:40	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			09/27/24 23:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/30/24 18:53	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		09/27/24 15:16	09/30/24 18:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 18:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	09/27/24 15:16	09/30/24 18:53	1
o-Terphenyl	100		70 - 130	09/27/24 15:16	09/30/24 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2470		50.2		mg/Kg			10/01/24 18:23	10

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49076-6

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 00:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 00:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 00:00	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 00:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 00:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 00:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/27/24 15:22	09/28/24 00:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/27/24 15:22	09/28/24 00:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (5')

Lab Sample ID: 880-49076-6

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 00:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 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	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 19:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 19:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130				09/27/24 15:16	09/30/24 19:08	1
o-Terphenyl	107		70 - 130				09/27/24 15:16	09/30/24 19:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		24.9		mg/Kg			10/01/24 18:30	5

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49076-7

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 00:21	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 00:21	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 00:21	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 00:21	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 00:21	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 00:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				09/27/24 15:22	09/28/24 00:21	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/27/24 15:22	09/28/24 00:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/28/24 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 19:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (6')

Lab Sample ID: 880-49076-7

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				09/27/24 15:16	09/30/24 19:23	1
o-Terphenyl	98		70 - 130				09/27/24 15:16	09/30/24 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2760		24.8		mg/Kg			10/01/24 18:36	5

Client Sample ID: T-1 (7')

Lab Sample ID: 880-49076-8

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 00:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 00:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 00:41	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/28/24 00:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 00:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/28/24 00:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				09/27/24 15:22	09/28/24 00:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130				09/27/24 15:22	09/28/24 00:41	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			09/28/24 00:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 19:38	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	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 19:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 19:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/27/24 15:16	09/30/24 19:38	1
o-Terphenyl	90		70 - 130				09/27/24 15:16	09/30/24 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2890		24.9		mg/Kg			10/01/24 18:42	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (8')

Lab Sample ID: 880-49076-9

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 01:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 01:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 01:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:22	09/28/24 01:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 01:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:22	09/28/24 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/27/24 15:22	09/28/24 01:02	1
1,4-Difluorobenzene (Surr)	85		70 - 130	09/27/24 15:22	09/28/24 01:02	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			09/28/24 01:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/30/24 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 19:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 19:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	09/27/24 15:16	09/30/24 19:53	1
o-Terphenyl	87		70 - 130	09/27/24 15:16	09/30/24 19:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3070		25.0		mg/Kg			10/01/24 18:49	5

Client Sample ID: T-1 (9')

Lab Sample ID: 880-49076-10

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 01:22	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 01:22	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 01:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 01:22	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 01:22	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 01:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	09/27/24 15:22	09/28/24 01:22	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/27/24 15:22	09/28/24 01:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (9')

Lab Sample ID: 880-49076-10

Date Collected: 09/23/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 01:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/30/24 20:07	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		09/27/24 15:16	09/30/24 20:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 20:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				09/27/24 15:16	09/30/24 20:07	1
o-Terphenyl	87		70 - 130				09/27/24 15:16	09/30/24 20:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.31		5.03		mg/Kg			10/01/24 04:41	1

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-49076-11

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 02:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 02:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 02:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 02:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 02:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 02:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/27/24 15:22	09/28/24 02:46	1
1,4-Difluorobenzene (Surr)	94		70 - 130				09/27/24 15:22	09/28/24 02:46	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			09/28/24 02:46	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			09/30/24 20:37	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	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 20:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 20:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (0-1')

Lab Sample ID: 880-49076-11

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:16	09/30/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/27/24 15:16	09/30/24 20:37	1
o-Terphenyl	91		70 - 130				09/27/24 15:16	09/30/24 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4630		99.4		mg/Kg			10/01/24 04:58	20

Client Sample ID: T-2 (1.5')

Lab Sample ID: 880-49076-12

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 03:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 03:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 03:07	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 03:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 03:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 03:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/27/24 15:22	09/28/24 03:07	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/27/24 15:22	09/28/24 03:07	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			09/28/24 03:07	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			09/30/24 20:52	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		09/27/24 15:16	09/30/24 20:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 20:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				09/27/24 15:16	09/30/24 20:52	1
o-Terphenyl	92		70 - 130				09/27/24 15:16	09/30/24 20:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		49.6		mg/Kg			10/01/24 05:03	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (2')

Lab Sample ID: 880-49076-13

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 03:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:22	09/28/24 03:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:22	09/28/24 03:27	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/27/24 15:22	09/28/24 03:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:22	09/28/24 03:27	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/27/24 15:22	09/28/24 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	09/27/24 15:22	09/28/24 03:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130	09/27/24 15:22	09/28/24 03:27	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			09/28/24 03:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	09/27/24 15:16	09/30/24 21:06	1
o-Terphenyl	97		70 - 130	09/27/24 15:16	09/30/24 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3060		49.8		mg/Kg			10/01/24 05:08	10

Client Sample ID: T-2 (3')

Lab Sample ID: 880-49076-14

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 03:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 03:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 03:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 03:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 03:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	09/27/24 15:22	09/28/24 03:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/27/24 15:22	09/28/24 03:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (3')

Lab Sample ID: 880-49076-14

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 03:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 21:21	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	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130				09/27/24 15:16	09/30/24 21:21	1
o-Terphenyl	96		70 - 130				09/27/24 15:16	09/30/24 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		50.5		mg/Kg			10/01/24 05:14	10

Client Sample ID: T-2 (4')

Lab Sample ID: 880-49076-15

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 04:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 04:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 04:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:22	09/28/24 04:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 04:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:22	09/28/24 04:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				09/27/24 15:22	09/28/24 04:08	1
1,4-Difluorobenzene (Surr)	96		70 - 130				09/27/24 15:22	09/28/24 04:08	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			09/28/24 04:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 21:36	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	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (4')

Lab Sample ID: 880-49076-15

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/27/24 15:16	09/30/24 21:36	1
o-Terphenyl	97		70 - 130				09/27/24 15:16	09/30/24 21:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	996		25.2		mg/Kg			10/01/24 05:30	5

Client Sample ID: T-2 (5')

Lab Sample ID: 880-49076-16

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 04:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 04:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 04:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 04:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:22	09/28/24 04:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:22	09/28/24 04:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				09/27/24 15:22	09/28/24 04:29	1
1,4-Difluorobenzene (Surr)	94		70 - 130				09/27/24 15:22	09/28/24 04:29	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			09/28/24 04:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 21:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:50	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:50	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/27/24 15:16	09/30/24 21:50	1
o-Terphenyl	101		70 - 130				09/27/24 15:16	09/30/24 21:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2040		25.1		mg/Kg			10/01/24 05:35	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (6')

Lab Sample ID: 880-49076-17

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 04:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 04:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 04:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 04:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 04:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 04:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	09/27/24 15:22	09/28/24 04:49	1
1,4-Difluorobenzene (Surr)	94		70 - 130	09/27/24 15:22	09/28/24 04:49	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			09/28/24 04:49	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			09/30/24 22:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 22:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 22:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 22:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	09/27/24 15:16	09/30/24 22:06	1
o-Terphenyl	86		70 - 130	09/27/24 15:16	09/30/24 22:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1860		24.8		mg/Kg			10/01/24 05:41	5

Client Sample ID: T-2 (7')

Lab Sample ID: 880-49076-18

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 05:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 05:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 05:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/28/24 05:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 05:10	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:22	09/28/24 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	09/27/24 15:22	09/28/24 05:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/27/24 15:22	09/28/24 05:10	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (7')

Lab Sample ID: 880-49076-18

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 05:10	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			09/30/24 22:20	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	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 22:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 22:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:16	09/30/24 22:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/27/24 15:16	09/30/24 22:20	1
o-Terphenyl	92		70 - 130				09/27/24 15:16	09/30/24 22:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		25.0		mg/Kg			10/01/24 05:46	5

Client Sample ID: T-2 (8')

Lab Sample ID: 880-49076-19

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 05:30	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 05:30	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 05:30	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/27/24 15:22	09/28/24 05:30	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/28/24 05:30	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/27/24 15:22	09/28/24 05:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130				09/27/24 15:22	09/28/24 05:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130				09/27/24 15:22	09/28/24 05:30	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/28/24 05:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 22:35	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	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 22:35	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 22:35	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (8')

Lab Sample ID: 880-49076-19

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:16	09/30/24 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/27/24 15:16	09/30/24 22:35	1
o-Terphenyl	90		70 - 130				09/27/24 15:16	09/30/24 22:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1570		25.0		mg/Kg			10/01/24 05:52	5

Client Sample ID: T-2 (9')

Lab Sample ID: 880-49076-20

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/28/24 05:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 05:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 05:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 05:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:22	09/28/24 05:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:22	09/28/24 05:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				09/27/24 15:22	09/28/24 05:51	1
1,4-Difluorobenzene (Surr)	89		70 - 130				09/27/24 15:22	09/28/24 05:51	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			09/28/24 05:51	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			09/30/24 22:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 22:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 22:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:16	09/30/24 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/27/24 15:16	09/30/24 22:51	1
o-Terphenyl	92		70 - 130				09/27/24 15:16	09/30/24 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1750		25.2		mg/Kg			10/01/24 05:57	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (10')

Lab Sample ID: 880-49076-21

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 11:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 11:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 11:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 11:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 11:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 11:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	09/27/24 15:23	09/28/24 11:23	1
1,4-Difluorobenzene (Surr)	105		70 - 130	09/27/24 15:23	09/28/24 11:23	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			09/28/24 11:23	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			10/01/24 00:48	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		09/27/24 15:20	10/01/24 00:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 00:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	58	S1-	70 - 130	09/27/24 15:20	10/01/24 00:48	1
o-Terphenyl	58	S1-	70 - 130	09/27/24 15:20	10/01/24 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	658		25.3		mg/Kg			10/01/24 06:13	5

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49076-22

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 11:43	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 11:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	09/27/24 15:23	09/28/24 11:43	1
1,4-Difluorobenzene (Surr)	102		70 - 130	09/27/24 15:23	09/28/24 11:43	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (11')

Lab Sample ID: 880-49076-22

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 11:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/01/24 01:32	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	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 01:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 01:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/27/24 15:20	10/01/24 01:32	1
o-Terphenyl	87		70 - 130				09/27/24 15:20	10/01/24 01:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		50.0		mg/Kg			10/01/24 06:18	10

Client Sample ID: T-2 (12')

Lab Sample ID: 880-49076-23

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 12:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 12:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 12:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 12:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 12:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 12:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130				09/27/24 15:23	09/28/24 12:03	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/27/24 15:23	09/28/24 12:03	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			09/28/24 12:03	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			10/01/24 01:48	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		09/27/24 15:20	10/01/24 01:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 01:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (12')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-23
Matrix: Solid

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		09/27/24 15:20	10/01/24 01:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/27/24 15:20	10/01/24 01:48	1
o-Terphenyl	92		70 - 130				09/27/24 15:20	10/01/24 01:48	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.0		5.02		mg/Kg			10/01/24 06:35	1

Client Sample ID: T-3 (0-1')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-24
Matrix: Solid

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		09/27/24 15:23	09/28/24 12:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 12:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 12:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 12:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 12:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 12:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				09/27/24 15:23	09/28/24 12:24	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/27/24 15:23	09/28/24 12:24	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			09/28/24 12:24	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			10/01/24 02:02	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		09/27/24 15:20	10/01/24 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 02:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 02:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				09/27/24 15:20	10/01/24 02:02	1
o-Terphenyl	92		70 - 130				09/27/24 15:20	10/01/24 02:02	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8570		99.8		mg/Kg			10/01/24 06:40	20

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-49076-25

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 12:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 12:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 12:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 12:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 12:44	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	09/27/24 15:23	09/28/24 12:44	1
1,4-Difluorobenzene (Surr)	111		70 - 130	09/27/24 15:23	09/28/24 12:44	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			09/28/24 12:44	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			10/01/24 02:19	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		09/27/24 15:20	10/01/24 02:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 02:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	09/27/24 15:20	10/01/24 02:19	1
o-Terphenyl	96		70 - 130	09/27/24 15:20	10/01/24 02:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5910		99.0		mg/Kg			10/01/24 06:45	20

Client Sample ID: T-3 (2')

Lab Sample ID: 880-49076-26

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 13:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 13:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 13:05	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 13:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 13:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 13:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	09/27/24 15:23	09/28/24 13:05	1
1,4-Difluorobenzene (Surr)	112		70 - 130	09/27/24 15:23	09/28/24 13:05	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (2')

Lab Sample ID: 880-49076-26

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/01/24 02:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 02:33	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 02:33	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 02:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130				09/27/24 15:20	10/01/24 02:33	1
o-Terphenyl	98		70 - 130				09/27/24 15:20	10/01/24 02:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3600		50.2		mg/Kg			10/01/24 06:51	10

Client Sample ID: T-3 (3')

Lab Sample ID: 880-49076-27

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 13:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 13:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 13:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 13:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 13:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 13:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130				09/27/24 15:23	09/28/24 13:25	1
1,4-Difluorobenzene (Surr)	120		70 - 130				09/27/24 15:23	09/28/24 13:25	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			09/28/24 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/01/24 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	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 02:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 02:48	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (3')

Lab Sample ID: 880-49076-27

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:20	10/01/24 02:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/27/24 15:20	10/01/24 02:48	1
o-Terphenyl	90		70 - 130				09/27/24 15:20	10/01/24 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350		49.7		mg/Kg			10/01/24 06:56	10

Client Sample ID: T-3 (4')

Lab Sample ID: 880-49076-28

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 13:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 13:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 13:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 13:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 13:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 13:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				09/27/24 15:23	09/28/24 13:46	1
1,4-Difluorobenzene (Surr)	107		70 - 130				09/27/24 15:23	09/28/24 13:46	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			09/28/24 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			10/01/24 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		09/27/24 15:20	10/01/24 03:02	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		09/27/24 15:20	10/01/24 03:02	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/27/24 15:20	10/01/24 03:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/27/24 15:20	10/01/24 03:02	1
o-Terphenyl	89		70 - 130				09/27/24 15:20	10/01/24 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1990		49.9		mg/Kg			10/01/24 07:02	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (5')

Lab Sample ID: 880-49076-29

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 14:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 14:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 14:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:23	09/28/24 14:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 14:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:23	09/28/24 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	09/27/24 15:23	09/28/24 14:06	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/27/24 15:23	09/28/24 14:06	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			09/28/24 14:06	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			10/01/24 03:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 03:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 03:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	09/27/24 15:20	10/01/24 03:18	1
o-Terphenyl	95		70 - 130	09/27/24 15:20	10/01/24 03:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2680		49.9		mg/Kg			10/01/24 07:07	10

Client Sample ID: T-3 (6')

Lab Sample ID: 880-49076-30

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 14:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 14:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 14:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 14:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 14:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130	09/27/24 15:23	09/28/24 14:27	1
1,4-Difluorobenzene (Surr)	107		70 - 130	09/27/24 15:23	09/28/24 14:27	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (6')

Lab Sample ID: 880-49076-30

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/01/24 03:32	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	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 03:32	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 03:32	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 03:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				09/27/24 15:20	10/01/24 03:32	1
o-Terphenyl	92		70 - 130				09/27/24 15:20	10/01/24 03:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2010	F1	25.0		mg/Kg			10/01/24 03:15	5

Client Sample ID: T-3 (7')

Lab Sample ID: 880-49076-31

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 16:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 16:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 16:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 16:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 16:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 16:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				09/27/24 15:23	09/28/24 16:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/27/24 15:23	09/28/24 16:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/28/24 16:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/01/24 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 04:02	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 04:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (7')

Lab Sample ID: 880-49076-31

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/27/24 15:20	10/01/24 04:02	1
o-Terphenyl	93		70 - 130				09/27/24 15:20	10/01/24 04:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2210		24.8		mg/Kg			10/01/24 03:30	5

Client Sample ID: T-3 (8')

Lab Sample ID: 880-49076-32

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 16:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 16:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 16:37	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 16:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 16:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130				09/27/24 15:23	09/28/24 16:37	1
1,4-Difluorobenzene (Surr)	106		70 - 130				09/27/24 15:23	09/28/24 16:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/28/24 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/01/24 04:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 04:18	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 04:18	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 04:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130				09/27/24 15:20	10/01/24 04:18	1
o-Terphenyl	103		70 - 130				09/27/24 15:20	10/01/24 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2060		24.9		mg/Kg			10/01/24 03:36	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (9')

Lab Sample ID: 880-49076-33

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 16:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:23	09/28/24 16:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:23	09/28/24 16:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/27/24 15:23	09/28/24 16:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:23	09/28/24 16:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/27/24 15:23	09/28/24 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	09/27/24 15:23	09/28/24 16:58	1
1,4-Difluorobenzene (Surr)	110		70 - 130	09/27/24 15:23	09/28/24 16:58	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			09/28/24 16:58	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			10/01/24 04:32	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	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 04:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 04:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130	09/27/24 15:20	10/01/24 04:32	1
o-Terphenyl	92		70 - 130	09/27/24 15:20	10/01/24 04:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280		24.8		mg/Kg			10/01/24 03:42	5

Client Sample ID: T-3 (10')

Lab Sample ID: 880-49076-34

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 17:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 17:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 17:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 17:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 17:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	09/27/24 15:23	09/28/24 17:18	1
1,4-Difluorobenzene (Surr)	116		70 - 130	09/27/24 15:23	09/28/24 17:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (10')

Lab Sample ID: 880-49076-34

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 17:18	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			10/01/24 04:48	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		09/27/24 15:20	10/01/24 04:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 04:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 04:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130				09/27/24 15:20	10/01/24 04:48	1
o-Terphenyl	87		70 - 130				09/27/24 15:20	10/01/24 04:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	730		25.3		mg/Kg			10/01/24 03:49	5

Client Sample ID: T-3 (11')

Lab Sample ID: 880-49076-35

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 17:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:23	09/28/24 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 17:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:23	09/28/24 17:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	178	S1+	70 - 130				09/27/24 15:23	09/28/24 17:39	1
1,4-Difluorobenzene (Surr)	122		70 - 130				09/27/24 15:23	09/28/24 17:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			09/28/24 17:39	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			10/01/24 05:02	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		09/27/24 15:20	10/01/24 05:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 05:02	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (11')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-35
Matrix: Solid

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		09/27/24 15:20	10/01/24 05:02	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	89		70 - 130				09/27/24 15:20	10/01/24 05:02	1	
o-Terphenyl	90		70 - 130				09/27/24 15:20	10/01/24 05:02	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1090		5.00		mg/Kg			10/01/24 14:40	1	

Client Sample ID: T-3 (12')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-36
Matrix: Solid

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		09/27/24 15:23	09/28/24 17:59	1	
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 17:59	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 17:59	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 17:59	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:23	09/28/24 17:59	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:23	09/28/24 17:59	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				09/27/24 15:23	09/28/24 17:59	1	
1,4-Difluorobenzene (Surr)	104		70 - 130				09/27/24 15:23	09/28/24 17:59	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			09/28/24 17:59	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.9	U	49.9		mg/Kg			10/01/24 05:18	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 05:18	1	
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 05:18	1	
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:20	10/01/24 05:18	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	91		70 - 130				09/27/24 15:20	10/01/24 05:18	1	
o-Terphenyl	88		70 - 130				09/27/24 15:20	10/01/24 05:18	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	9.34		4.98		mg/Kg			10/01/24 04:14	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-49076-37

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 18:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 18:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 18:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 18:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 18:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130				09/27/24 15:23	09/28/24 18:20	1
1,4-Difluorobenzene (Surr)	104		70 - 130				09/27/24 15:23	09/28/24 18:20	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			09/28/24 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/01/24 05:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 05:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 05:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 05:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130				09/27/24 15:20	10/01/24 05:32	1
o-Terphenyl	99		70 - 130				09/27/24 15:20	10/01/24 05:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3930		99.8		mg/Kg			10/01/24 04:21	20

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-49076-38

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 18:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 18:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:23	09/28/24 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130				09/27/24 15:23	09/28/24 18:40	1
1,4-Difluorobenzene (Surr)	110		70 - 130				09/27/24 15:23	09/28/24 18:40	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (1.5')

Lab Sample ID: 880-49076-38

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 18:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/01/24 05:47	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		09/27/24 15:20	10/01/24 05:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 05:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130				09/27/24 15:20	10/01/24 05:47	1
o-Terphenyl	90		70 - 130				09/27/24 15:20	10/01/24 05:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7650		99.0		mg/Kg			10/01/24 04:27	20

Client Sample ID: T-4 (2')

Lab Sample ID: 880-49076-39

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 19:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 19:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 19:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/27/24 15:23	09/28/24 19:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 19:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/27/24 15:23	09/28/24 19:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				09/27/24 15:23	09/28/24 19:00	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/27/24 15:23	09/28/24 19:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/28/24 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			10/01/24 06:01	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	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 06:01	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 06:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (2')

Lab Sample ID: 880-49076-39

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:20	10/01/24 06:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				09/27/24 15:20	10/01/24 06:01	1
o-Terphenyl	86		70 - 130				09/27/24 15:20	10/01/24 06:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7920		99.0		mg/Kg			10/01/24 04:34	20

Client Sample ID: T-4 (3')

Lab Sample ID: 880-49076-40

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:23	09/28/24 19:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 19:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 19:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 19:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:23	09/28/24 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:23	09/28/24 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130				09/27/24 15:23	09/28/24 19:21	1
1,4-Difluorobenzene (Surr)	109		70 - 130				09/27/24 15:23	09/28/24 19:21	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			09/28/24 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/01/24 06:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 06:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 06:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:20	10/01/24 06:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				09/27/24 15:20	10/01/24 06:16	1
o-Terphenyl	87		70 - 130				09/27/24 15:20	10/01/24 06:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2460		50.4		mg/Kg			10/01/24 04:40	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (4')

Lab Sample ID: 880-49076-41

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 03:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 03:26	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 03:26	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 03:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 03:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 03:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/27/24 15:26	09/28/24 03:26	1
1,4-Difluorobenzene (Surr)	103		70 - 130	09/27/24 15:26	09/28/24 03:26	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			09/28/24 03:26	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			09/30/24 17:22	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		09/27/24 15:22	09/30/24 17:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 17:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:22	09/30/24 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	09/27/24 15:22	09/30/24 17:22	1
o-Terphenyl	96		70 - 130	09/27/24 15:22	09/30/24 17:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		50.5		mg/Kg			10/01/24 04:59	10

Client Sample ID: T-4 (5')

Lab Sample ID: 880-49076-42

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 03:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 03:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 03:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	09/27/24 15:26	09/28/24 03:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/27/24 15:26	09/28/24 03:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (5')

Lab Sample ID: 880-49076-42

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 03:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 18:07	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	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 18:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 18:07	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:22	09/30/24 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				09/27/24 15:22	09/30/24 18:07	1
o-Terphenyl	86		70 - 130				09/27/24 15:22	09/30/24 18:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2490		49.6		mg/Kg			10/01/24 05:05	10

Client Sample ID: T-4 (6')

Lab Sample ID: 880-49076-43

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 04:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 04:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 04:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 04:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 04:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 04:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/27/24 15:26	09/28/24 04:06	1
1,4-Difluorobenzene (Surr)	103		70 - 130				09/27/24 15:26	09/28/24 04:06	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			09/28/24 04:06	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			09/30/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 18:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 18:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (6')

Lab Sample ID: 880-49076-43

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:22	09/30/24 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				09/27/24 15:22	09/30/24 18:23	1
o-Terphenyl	91		70 - 130				09/27/24 15:22	09/30/24 18:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4430		50.5		mg/Kg			10/01/24 05:25	10

Client Sample ID: T-4 (7')

Lab Sample ID: 880-49076-44

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 04:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 04:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 04:27	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 04:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 04:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 04:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/27/24 15:26	09/28/24 04:27	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/27/24 15:26	09/28/24 04:27	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			09/28/24 04:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			09/30/24 18:38	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	<49.6	U **	49.6		mg/Kg		09/27/24 15:22	09/30/24 18:38	1
Diesel Range Organics (Over C10-C28)	<49.6	U **	49.6		mg/Kg		09/27/24 15:22	09/30/24 18:38	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		09/27/24 15:22	09/30/24 18:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	86		70 - 130				09/27/24 15:22	09/30/24 18:38	1
o-Terphenyl	93		70 - 130				09/27/24 15:22	09/30/24 18:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		49.8		mg/Kg			10/01/24 16:03	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (8')

Lab Sample ID: 880-49076-45

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 04:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 04:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 04:47	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 04:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 04:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	09/27/24 15:26	09/28/24 04:47	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/27/24 15:26	09/28/24 04:47	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			09/28/24 04:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 18:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 18:53	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:22	09/30/24 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	09/27/24 15:22	09/30/24 18:53	1
o-Terphenyl	91		70 - 130	09/27/24 15:22	09/30/24 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		49.6		mg/Kg			10/01/24 05:37	10

Client Sample ID: T-4 (9')

Lab Sample ID: 880-49076-46

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 05:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 05:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 05:08	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 05:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 05:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	09/27/24 15:26	09/28/24 05:08	1
1,4-Difluorobenzene (Surr)	91		70 - 130	09/27/24 15:26	09/28/24 05:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (9')

Lab Sample ID: 880-49076-46

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 05:08	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			09/30/24 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	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 19:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 19:08	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:22	09/30/24 19:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				09/27/24 15:22	09/30/24 19:08	1
o-Terphenyl	90		70 - 130				09/27/24 15:22	09/30/24 19:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		25.2		mg/Kg			10/01/24 05:44	5

Client Sample ID: T-4 (10')

Lab Sample ID: 880-49076-47

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 05:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 05:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 05:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 05:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 05:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 05:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/27/24 15:26	09/28/24 05:28	1
1,4-Difluorobenzene (Surr)	95		70 - 130				09/27/24 15:26	09/28/24 05:28	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			09/28/24 05:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 19:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 19:23	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 19:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (10')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-47
Matrix: Solid

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:22	09/30/24 19:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130				09/27/24 15:22	09/30/24 19:23	1
o-Terphenyl	83		70 - 130				09/27/24 15:22	09/30/24 19:23	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	815		49.7		mg/Kg			10/01/24 05:50	10

Client Sample ID: T-4 (11')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-48
Matrix: Solid

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		09/27/24 15:26	09/28/24 05:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 05:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 05:49	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 05:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 05:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 05:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				09/27/24 15:26	09/28/24 05:49	1
1,4-Difluorobenzene (Surr)	97		70 - 130				09/27/24 15:26	09/28/24 05:49	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			09/28/24 05:49	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			09/30/24 19:38	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 19:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 19:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:22	09/30/24 19:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/27/24 15:22	09/30/24 19:38	1
o-Terphenyl	92		70 - 130				09/27/24 15:22	09/30/24 19:38	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		5.00		mg/Kg			10/01/24 05:57	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (12')

Lab Sample ID: 880-49076-49

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 06:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 06:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 06:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:26	09/28/24 06:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 06:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:26	09/28/24 06:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	09/27/24 15:26	09/28/24 06:09	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/27/24 15:26	09/28/24 06:09	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			09/28/24 06:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 19:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 19:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 19:53	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:22	09/30/24 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130	09/27/24 15:22	09/30/24 19:53	1
o-Terphenyl	78		70 - 130	09/27/24 15:22	09/30/24 19:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.97	U	4.97		mg/Kg			10/01/24 06:03	1

Client Sample ID: T-5 (0-1')

Lab Sample ID: 880-49076-50

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 06:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 06:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 06:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 06:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 06:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 06:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	09/27/24 15:26	09/28/24 06:30	1
1,4-Difluorobenzene (Surr)	101		70 - 130	09/27/24 15:26	09/28/24 06:30	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (0-1')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-50
Matrix: Solid

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			09/28/24 06:30	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 20:07	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	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 20:07	1	
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 20:07	1	
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:22	09/30/24 20:07	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	79		70 - 130				09/27/24 15:22	09/30/24 20:07	1	
o-Terphenyl	88		70 - 130				09/27/24 15:22	09/30/24 20:07	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	7110	F1	99.2		mg/Kg			10/01/24 10:38	20	

Client Sample ID: T-5 (1.5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-51
Matrix: Solid

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		09/27/24 15:26	09/28/24 07:52	1	
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 07:52	1	
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 07:52	1	
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 07:52	1	
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 07:52	1	
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 07:52	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	106		70 - 130				09/27/24 15:26	09/28/24 07:52	1	
1,4-Difluorobenzene (Surr)	99		70 - 130				09/27/24 15:26	09/28/24 07:52	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			09/28/24 07:52	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 20:37	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	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 20:37	1	
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 20:37	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (1.5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-51
Matrix: Solid

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)	<49.7	U	49.7		mg/Kg		09/27/24 15:22	09/30/24 20:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				09/27/24 15:22	09/30/24 20:37	1
o-Terphenyl	79		70 - 130				09/27/24 15:22	09/30/24 20:37	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2540		49.6		mg/Kg			10/01/24 10:54	10

Client Sample ID: T-5 (2')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-52
Matrix: Solid

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		09/27/24 15:26	09/28/24 08:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 08:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 08:13	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 08:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 08:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 08:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/27/24 15:26	09/28/24 08:13	1
1,4-Difluorobenzene (Surr)	93		70 - 130				09/27/24 15:26	09/28/24 08:13	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			09/28/24 08:13	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 20:52	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	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 20:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 20:52	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:22	09/30/24 20:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/27/24 15:22	09/30/24 20:52	1
o-Terphenyl	89		70 - 130				09/27/24 15:22	09/30/24 20:52	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	638		49.9		mg/Kg			10/01/24 11:00	10

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (3')

Lab Sample ID: 880-49076-53

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 08:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:26	09/28/24 08:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:26	09/28/24 08:33	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		09/27/24 15:26	09/28/24 08:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/27/24 15:26	09/28/24 08:33	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		09/27/24 15:26	09/28/24 08:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	09/27/24 15:26	09/28/24 08:33	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 15:26	09/28/24 08:33	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			09/28/24 08:33	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			09/30/24 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U **	49.9		mg/Kg		09/27/24 15:22	09/30/24 21:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		09/27/24 15:22	09/30/24 21:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:22	09/30/24 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	09/27/24 15:22	09/30/24 21:06	1
o-Terphenyl	84		70 - 130	09/27/24 15:22	09/30/24 21:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1510		49.6		mg/Kg			10/01/24 11:05	10

Client Sample ID: T-5 (4')

Lab Sample ID: 880-49076-54

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 08:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 08:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 08:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 08:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 08:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 08:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	09/27/24 15:26	09/28/24 08:54	1
1,4-Difluorobenzene (Surr)	100		70 - 130	09/27/24 15:26	09/28/24 08:54	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (4')

Lab Sample ID: 880-49076-54

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			09/28/24 08:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 21:21	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	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 21:21	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 21:21	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:22	09/30/24 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130				09/27/24 15:22	09/30/24 21:21	1
o-Terphenyl	91		70 - 130				09/27/24 15:22	09/30/24 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1990		24.8		mg/Kg			10/01/24 11:11	5

Client Sample ID: T-5 (5')

Lab Sample ID: 880-49076-55

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:26	09/28/24 09:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 09:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 09:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:26	09/28/24 09:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 09:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:26	09/28/24 09:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				09/27/24 15:26	09/28/24 09:14	1
1,4-Difluorobenzene (Surr)	91		70 - 130				09/27/24 15:26	09/28/24 09:14	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			09/28/24 09:14	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			09/30/24 21:36	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		09/27/24 15:22	09/30/24 21:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9		mg/Kg		09/27/24 15:22	09/30/24 21:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-55
Matrix: Solid

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		09/27/24 15:22	09/30/24 21:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/27/24 15:22	09/30/24 21:36	1
o-Terphenyl	87		70 - 130				09/27/24 15:22	09/30/24 21:36	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1540		24.9		mg/Kg			10/01/24 11:27	5

Client Sample ID: T-5 (6')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-56
Matrix: Solid

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		09/27/24 15:26	09/28/24 09:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 09:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 09:35	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 09:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/27/24 15:26	09/28/24 09:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/27/24 15:26	09/28/24 09:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/27/24 15:26	09/28/24 09:35	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/27/24 15:26	09/28/24 09:35	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			09/28/24 09:35	1
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/30/24 21:50	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 21:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 21:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:22	09/30/24 21:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130				09/27/24 15:22	09/30/24 21:50	1
o-Terphenyl	91		70 - 130				09/27/24 15:22	09/30/24 21:50	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1890		25.3		mg/Kg			10/01/24 11:32	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (7')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-57
Matrix: Solid

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		09/27/24 15:26	09/28/24 09:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 09:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 09:55	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 09:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 09:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 09:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				09/27/24 15:26	09/28/24 09:55	1
1,4-Difluorobenzene (Surr)	101		70 - 130				09/27/24 15:26	09/28/24 09:55	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			09/28/24 09:55	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			09/30/24 22:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 22:06	1
Diesel Range Organics (Over C10-C28)	<49.7	U **	49.7		mg/Kg		09/27/24 15:22	09/30/24 22:06	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		09/27/24 15:22	09/30/24 22:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130				09/27/24 15:22	09/30/24 22:06	1
o-Terphenyl	86		70 - 130				09/27/24 15:22	09/30/24 22:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1700		24.9		mg/Kg			10/01/24 11:38	5

Client Sample ID: T-5 (8')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-58
Matrix: Solid

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		09/27/24 15:26	09/28/24 10:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 10:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 10:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 10:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 10:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/27/24 15:26	09/28/24 10:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				09/27/24 15:26	09/28/24 10:16	1
1,4-Difluorobenzene (Surr)	99		70 - 130				09/27/24 15:26	09/28/24 10:16	1

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (8')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-58
Matrix: Solid

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			09/28/24 10:16	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			09/30/24 22:20	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	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 22:20	1	
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0		mg/Kg		09/27/24 15:22	09/30/24 22:20	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:22	09/30/24 22:20	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	77		70 - 130				09/27/24 15:22	09/30/24 22:20	1	
o-Terphenyl	83		70 - 130				09/27/24 15:22	09/30/24 22:20	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	1440		24.9		mg/Kg			10/01/24 11:43	5	

Client Sample ID: T-5 (9')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-59
Matrix: Solid

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		09/27/24 15:26	09/28/24 10:36	1	
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 10:36	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 10:36	1	
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/27/24 15:26	09/28/24 10:36	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 10:36	1	
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/27/24 15:26	09/28/24 10:36	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	108		70 - 130				09/27/24 15:26	09/28/24 10:36	1	
1,4-Difluorobenzene (Surr)	101		70 - 130				09/27/24 15:26	09/28/24 10:36	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/28/24 10:36	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			09/30/24 22:35	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	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 22:35	1	
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 22:35	1	

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (9')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-59
Matrix: Solid

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		09/27/24 15:22	09/30/24 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				09/27/24 15:22	09/30/24 22:35	1
o-Terphenyl	89		70 - 130				09/27/24 15:22	09/30/24 22:35	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		25.0		mg/Kg			10/01/24 11:49	5

Client Sample ID: T-5 (10')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-60
Matrix: Solid

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		09/27/24 15:26	09/28/24 10:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 10:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 10:57	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 10:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:26	09/28/24 10:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:26	09/28/24 10:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130				09/27/24 15:26	09/28/24 10:57	1
1,4-Difluorobenzene (Surr)	100		70 - 130				09/27/24 15:26	09/28/24 10:57	1
Method: TAL SOP Total BTEX - Total BTEX Calculation									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			09/28/24 10:57	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			09/30/24 22:51	1
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 22:51	1
Diesel Range Organics (Over C10-C28)	<49.8	U **	49.8		mg/Kg		09/27/24 15:22	09/30/24 22:51	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/24 15:22	09/30/24 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				09/27/24 15:22	09/30/24 22:51	1
o-Terphenyl	86		70 - 130				09/27/24 15:22	09/30/24 22:51	1
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	930	F1	25.0		mg/Kg			10/01/24 11:54	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (11')

Lab Sample ID: 880-49076-61

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:34	09/27/24 19:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:34	09/27/24 19:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:34	09/27/24 19:15	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/27/24 15:34	09/27/24 19:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:34	09/27/24 19:15	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/27/24 15:34	09/27/24 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	09/27/24 15:34	09/27/24 19:15	1
1,4-Difluorobenzene (Surr)	88		70 - 130	09/27/24 15:34	09/27/24 19:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			09/27/24 19:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/01/24 00:48	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		09/27/24 15:27	10/01/24 00:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/24 15:27	10/01/24 00:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/24 15:27	10/01/24 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	09/27/24 15:27	10/01/24 00:48	1
o-Terphenyl	88		70 - 130	09/27/24 15:27	10/01/24 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1460		24.9		mg/Kg			10/01/24 12:10	5

Client Sample ID: T-5 (12')

Lab Sample ID: 880-49076-62

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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		09/27/24 15:34	09/27/24 19:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:34	09/27/24 19:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:34	09/27/24 19:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/27/24 15:34	09/27/24 19:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/27/24 15:34	09/27/24 19:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/27/24 15:34	09/27/24 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/27/24 15:34	09/27/24 19:36	1
1,4-Difluorobenzene (Surr)	93		70 - 130	09/27/24 15:34	09/27/24 19:36	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (12')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-62
Matrix: Solid

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			09/27/24 19:36	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			10/01/24 01:32	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/24 15:27	10/01/24 01:32	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:27	10/01/24 01:32	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:27	10/01/24 01:32	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	78		70 - 130				09/27/24 15:27	10/01/24 01:32	1	
o-Terphenyl	82		70 - 130				09/27/24 15:27	10/01/24 01:32	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	31.6		4.96		mg/Kg			10/01/24 12:16	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-49076-1	T-1 (0-1')	92	96
880-49076-1 MS	T-1 (0-1')	99	107
880-49076-1 MSD	T-1 (0-1')	103	106
880-49076-2	T-1 (1.5')	96	95
880-49076-3	T-1 (2')	93	85
880-49076-4	T-1 (3')	92	98
880-49076-5	T-1 (4')	92	96
880-49076-6	T-1 (5')	92	97
880-49076-7	T-1 (6')	99	93
880-49076-8	T-1 (7')	94	97
880-49076-9	T-1 (8')	100	85
880-49076-10	T-1 (9')	99	98
880-49076-11	T-2 (0-1')	89	94
880-49076-12	T-2 (1.5')	92	91
880-49076-13	T-2 (2')	96	98
880-49076-14	T-2 (3')	92	94
880-49076-15	T-2 (4')	87	96
880-49076-16	T-2 (5')	92	94
880-49076-17	T-2 (6')	94	94
880-49076-18	T-2 (7')	89	93
880-49076-19	T-2 (8')	90	95
880-49076-20	T-2 (9')	89	89
880-49076-21	T-2 (10')	100	105
880-49076-21 MS	T-2 (10')	117	98
880-49076-21 MSD	T-2 (10')	116	98
880-49076-22	T-2 (11')	124	102
880-49076-23	T-2 (12')	121	106
880-49076-24	T-3 (0-1')	127	104
880-49076-25	T-3 (1.5')	147 S1+	111
880-49076-26	T-3 (2')	164 S1+	112
880-49076-27	T-3 (3')	155 S1+	120
880-49076-28	T-3 (4')	127	107
880-49076-29	T-3 (5')	132 S1+	107
880-49076-30	T-3 (6')	132 S1+	107
880-49076-31	T-3 (7')	112	106
880-49076-32	T-3 (8')	129	106
880-49076-33	T-3 (9')	133 S1+	110
880-49076-34	T-3 (10')	143 S1+	116
880-49076-35	T-3 (11')	178 S1+	122
880-49076-36	T-3 (12')	141 S1+	104
880-49076-37	T-4 (0-1')	128	104
880-49076-38	T-4 (1.5')	141 S1+	110
880-49076-39	T-4 (2')	133 S1+	103
880-49076-40	T-4 (3')	140 S1+	109
880-49076-41	T-4 (4')	107	103
880-49076-41 MS	T-4 (4')	103	100
880-49076-41 MSD	T-4 (4')	104	97
880-49076-42	T-4 (5')	107	101
880-49076-43	T-4 (6')	106	103

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Surrogate Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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)
880-49076-44	T-4 (7')	106	101
880-49076-45	T-4 (8')	106	101
880-49076-46	T-4 (9')	101	91
880-49076-47	T-4 (10')	108	95
880-49076-48	T-4 (11')	101	97
880-49076-49	T-4 (12')	110	101
880-49076-50	T-5 (0-1')	114	101
880-49076-51	T-5 (1.5')	106	99
880-49076-52	T-5 (2')	109	93
880-49076-53	T-5 (3')	113	99
880-49076-54	T-5 (4')	116	100
880-49076-55	T-5 (5')	109	91
880-49076-56	T-5 (6')	108	101
880-49076-57	T-5 (7')	106	101
880-49076-58	T-5 (8')	108	99
880-49076-59	T-5 (9')	108	101
880-49076-60	T-5 (10')	104	100
880-49076-61	T-5 (11')	108	88
880-49076-62	T-5 (12')	105	93
LCS 880-91902/1-A	Lab Control Sample	101	99
LCS 880-91959/1-A	Lab Control Sample	88	86
LCS 880-91961/1-A	Lab Control Sample	115	98
LCS 880-91962/1-A	Lab Control Sample	101	98
LCSD 880-91902/2-A	Lab Control Sample Dup	101	98
LCSD 880-91959/2-A	Lab Control Sample Dup	104	116
LCSD 880-91961/2-A	Lab Control Sample Dup	113	97
LCSD 880-91962/2-A	Lab Control Sample Dup	101	99
MB 880-91815/39	Method Blank	104	99
MB 880-91891/5-A	Method Blank	79	99
MB 880-91902/5-A	Method Blank	105	97
MB 880-91921/5-A	Method Blank	157 S1+	96
MB 880-91959/5-A	Method Blank	80	99
MB 880-91961/5-A	Method Blank	144 S1+	95
MB 880-91962/5-A	Method Blank	105	97

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-49076-1	T-1 (0-1')	91	90
880-49076-1 MS	T-1 (0-1')	100	89
880-49076-1 MSD	T-1 (0-1')	101	91
880-49076-2	T-1 (1.5')	96	95
880-49076-3	T-1 (2')	98	98
880-49076-4	T-1 (3')	90	91

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Surrogate Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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)
880-49076-5	T-1 (4')	99	100
880-49076-6	T-1 (5')	106	107
880-49076-7	T-1 (6')	95	98
880-49076-8	T-1 (7')	87	90
880-49076-9	T-1 (8')	84	87
880-49076-10	T-1 (9')	91	87
880-49076-11	T-2 (0-1')	88	91
880-49076-12	T-2 (1.5')	92	92
880-49076-13	T-2 (2')	96	97
880-49076-14	T-2 (3')	93	96
880-49076-15	T-2 (4')	96	97
880-49076-16	T-2 (5')	98	101
880-49076-17	T-2 (6')	84	86
880-49076-18	T-2 (7')	89	92
880-49076-19	T-2 (8')	89	90
880-49076-20	T-2 (9')	89	92
880-49076-21	T-2 (10')	58 S1-	58 S1-
880-49076-21 MS	T-2 (10')	110	102
880-49076-21 MSD	T-2 (10')	108	100
880-49076-22	T-2 (11')	90	87
880-49076-23	T-2 (12')	90	92
880-49076-24	T-3 (0-1')	90	92
880-49076-25	T-3 (1.5')	95	96
880-49076-26	T-3 (2')	96	98
880-49076-27	T-3 (3')	88	90
880-49076-28	T-3 (4')	86	89
880-49076-29	T-3 (5')	89	95
880-49076-30	T-3 (6')	89	92
880-49076-31	T-3 (7')	85	93
880-49076-32	T-3 (8')	102	103
880-49076-33	T-3 (9')	91	92
880-49076-34	T-3 (10')	87	87
880-49076-35	T-3 (11')	89	90
880-49076-36	T-3 (12')	91	88
880-49076-37	T-4 (0-1')	98	99
880-49076-38	T-4 (1.5')	88	90
880-49076-39	T-4 (2')	84	86
880-49076-40	T-4 (3')	84	87
880-49076-41	T-4 (4')	88	96
880-49076-41 MS	T-4 (4')	93	89
880-49076-41 MSD	T-4 (4')	93	89
880-49076-42	T-4 (5')	79	86
880-49076-43	T-4 (6')	81	91
880-49076-44	T-4 (7')	86	93
880-49076-45	T-4 (8')	83	91
880-49076-46	T-4 (9')	82	90
880-49076-47	T-4 (10')	75	83
880-49076-48	T-4 (11')	85	92
880-49076-49	T-4 (12')	76	78
880-49076-50	T-5 (0-1')	79	88

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-49076-1

Project/Site: Cedar Transfer Line

SDG: Eddy Co, NM

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)
880-49076-51	T-5 (1.5')	72	79
880-49076-52	T-5 (2')	83	89
880-49076-53	T-5 (3')	77	84
880-49076-54	T-5 (4')	85	91
880-49076-55	T-5 (5')	80	87
880-49076-56	T-5 (6')	83	91
880-49076-57	T-5 (7')	81	86
880-49076-58	T-5 (8')	77	83
880-49076-59	T-5 (9')	80	89
880-49076-60	T-5 (10')	76	86
880-49076-61	T-5 (11')	81	88
880-49076-61 MS	T-5 (11')	89	87
880-49076-61 MSD	T-5 (11')	90	87
880-49076-62	T-5 (12')	78	82
LCS 880-91957/2-A	Lab Control Sample	140 S1+	133 S1+
LCS 880-91958/2-A	Lab Control Sample	105	105
LCS 880-91960/2-A	Lab Control Sample	164 S1+	163 S1+
LCS 880-91963/2-A	Lab Control Sample	117	113
LCSD 880-91957/3-A	Lab Control Sample Dup	124	116
LCSD 880-91958/3-A	Lab Control Sample Dup	114	115
LCSD 880-91960/3-A	Lab Control Sample Dup	159 S1+	156 S1+
LCSD 880-91963/3-A	Lab Control Sample Dup	133 S1+	130
MB 880-91957/1-A	Method Blank	78	192 S1+
MB 880-91958/1-A	Method Blank	84	85
MB 880-91960/1-A	Method Blank	117	133 S1+
MB 880-91963/1-A	Method Blank	65 S1-	71

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-91815/39

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			09/27/24 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg			09/27/24 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			09/27/24 22:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			09/27/24 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			09/27/24 22:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			09/27/24 22:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130		09/27/24 22:18	1
1,4-Difluorobenzene (Surr)	99		70 - 130		09/27/24 22:18	1

Lab Sample ID: MB 880-91891/5-A

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91891

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:20	09/27/24 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:20	09/27/24 11:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130	09/27/24 09:20	09/27/24 11:15	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 09:20	09/27/24 11:15	1

Lab Sample ID: MB 880-91902/5-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 09:28	09/27/24 11:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 09:28	09/27/24 11:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 09:28	09/27/24 11:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/27/24 09:28	09/27/24 11:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/27/24 09:28	09/27/24 11:22	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-91902/1-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08827		mg/Kg		88	70 - 130
Toluene	0.100	0.08290		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.08059		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1721		mg/Kg		86	70 - 130
o-Xylene	0.100	0.08721		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-91902/2-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91902

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09073		mg/Kg		91	70 - 130	3	35
Toluene	0.100	0.08528		mg/Kg		85	70 - 130	3	35
Ethylbenzene	0.100	0.08305		mg/Kg		83	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130	2	35
o-Xylene	0.100	0.09172		mg/Kg		92	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: MB 880-91921/5-A

Matrix: Solid

Analysis Batch: 91882

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 10:39	09/27/24 23:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 10:39	09/27/24 23:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 10:39	09/27/24 23:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 10:39	09/27/24 23:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 10:39	09/27/24 23:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 10:39	09/27/24 23:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	09/27/24 10:39	09/27/24 23:18	1
1,4-Difluorobenzene (Surr)	96		70 - 130	09/27/24 10:39	09/27/24 23:18	1

Lab Sample ID: MB 880-91959/5-A

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 21:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 21:56	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-91959/5-A

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91959

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 21:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:22	09/27/24 21:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:22	09/27/24 21:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:22	09/27/24 21:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	09/27/24 15:22	09/27/24 21:56	1
1,4-Difluorobenzene (Surr)	99		70 - 130	09/27/24 15:22	09/27/24 21:56	1

Lab Sample ID: LCS 880-91959/1-A

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.06786	*-	mg/Kg		68	70 - 130
Toluene	0.100	0.08224		mg/Kg		82	70 - 130
Ethylbenzene	0.100	0.07849		mg/Kg		78	70 - 130
m-Xylene & p-Xylene	0.200	0.1420		mg/Kg		71	70 - 130
o-Xylene	0.100	0.07093		mg/Kg		71	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	86		70 - 130

Lab Sample ID: LCSD 880-91959/2-A

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91959

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09422		mg/Kg		94	70 - 130	33	35
Toluene	0.100	0.09435		mg/Kg		94	70 - 130	14	35
Ethylbenzene	0.100	0.09879		mg/Kg		99	70 - 130	23	35
m-Xylene & p-Xylene	0.200	0.1902		mg/Kg		95	70 - 130	29	35
o-Xylene	0.100	0.09445		mg/Kg		94	70 - 130	28	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-49076-1 MS

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 91959

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *- F1	0.100	0.07547		mg/Kg		75	70 - 130
Toluene	<0.00201	U F1	0.100	0.07103		mg/Kg		71	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.06624	F1	mg/Kg		66	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1210	F1	mg/Kg		60	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-49076-1 MS

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 91959

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00201	U F1	0.100	0.05980	F1	mg/Kg		60	70 - 130
Surrogate									
	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	99		70 - 130						
1,4-Difluorobenzene (Surr)	107		70 - 130						

Lab Sample ID: 880-49076-1 MSD

Matrix: Solid

Analysis Batch: 91883

Client Sample ID: T-1 (0-1')

Prep Type: Total/NA

Prep Batch: 91959

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U *- F1	0.100	0.06850	F1	mg/Kg		69	70 - 130	10	35
Toluene	<0.00201	U F1	0.100	0.06903	F1	mg/Kg		69	70 - 130	3	35
Ethylbenzene	<0.00201	U F1	0.100	0.07222		mg/Kg		72	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1419		mg/Kg		71	70 - 130	16	35
o-Xylene	<0.00201	U F1	0.100	0.06817	F1	mg/Kg		68	70 - 130	13	35
Surrogate											
	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	103		70 - 130								
1,4-Difluorobenzene (Surr)	106		70 - 130								

Lab Sample ID: MB 880-91961/5-A

Matrix: Solid

Analysis Batch: 91882

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91961

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 10:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 10:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 10:54	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:23	09/28/24 10:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:23	09/28/24 10:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:23	09/28/24 10:54	1
Surrogate									
	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130				09/27/24 15:23	09/28/24 10:54	1
1,4-Difluorobenzene (Surr)	95		70 - 130				09/27/24 15:23	09/28/24 10:54	1

Lab Sample ID: LCS 880-91961/1-A

Matrix: Solid

Analysis Batch: 91882

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91961

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08337		mg/Kg		83	70 - 130
Toluene	0.100	0.08302		mg/Kg		83	70 - 130
Ethylbenzene	0.100	0.09137		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.2139		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-91961/1-A
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91961

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-91961/2-A
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91961

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08059		mg/Kg		81	70 - 130	3	35
Toluene	0.100	0.07484		mg/Kg		75	70 - 130	10	35
Ethylbenzene	0.100	0.08566		mg/Kg		86	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1784		mg/Kg		89	70 - 130	18	35
o-Xylene	0.100	0.08506		mg/Kg		85	70 - 130	17	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 880-49076-21 MS
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: T-2 (10')
Prep Type: Total/NA
Prep Batch: 91961

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08930		mg/Kg		89	70 - 130
Toluene	<0.00201	U	0.100	0.08570		mg/Kg		86	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09429		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2155		mg/Kg		108	70 - 130
o-Xylene	<0.00201	U	0.100	0.1020		mg/Kg		102	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-49076-21 MSD
Matrix: Solid
Analysis Batch: 91882

Client Sample ID: T-2 (10')
Prep Type: Total/NA
Prep Batch: 91961

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	0.07551		mg/Kg		76	70 - 130	17	35
Toluene	<0.00201	U	0.100	0.07028		mg/Kg		70	70 - 130	20	35
Ethylbenzene	<0.00201	U	0.100	0.08205		mg/Kg		82	70 - 130	14	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1989		mg/Kg		99	70 - 130	8	35
o-Xylene	<0.00201	U	0.100	0.09499		mg/Kg		95	70 - 130	7	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-91962/5-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91962

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/27/24 15:26	09/28/24 03:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/27/24 15:26	09/28/24 03:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/27/24 15:26	09/28/24 03:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	09/27/24 15:26	09/28/24 03:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	09/27/24 15:26	09/28/24 03:04	1

Lab Sample ID: LCS 880-91962/1-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08430		mg/Kg		84	70 - 130
Toluene	0.100	0.07916		mg/Kg		79	70 - 130
Ethylbenzene	0.100	0.07857		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	0.200	0.1669		mg/Kg		83	70 - 130
o-Xylene	0.100	0.08514		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-91962/2-A

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91962

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08595		mg/Kg		86	70 - 130	2	35
Toluene	0.100	0.08087		mg/Kg		81	70 - 130	2	35
Ethylbenzene	0.100	0.08066		mg/Kg		81	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1727		mg/Kg		86	70 - 130	3	35
o-Xylene	0.100	0.08786		mg/Kg		88	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-49076-41 MS

Matrix: Solid

Analysis Batch: 91815

Client Sample ID: T-4 (4')

Prep Type: Total/NA

Prep Batch: 91962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.08181		mg/Kg		82	70 - 130
Toluene	<0.00201	U	0.100	0.07758		mg/Kg		78	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-49076-41 MS
Matrix: Solid
Analysis Batch: 91815

Client Sample ID: T-4 (4')
Prep Type: Total/NA
Prep Batch: 91962

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.07663		mg/Kg		77	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1591		mg/Kg		80	70 - 130
o-Xylene	<0.00201	U	0.100	0.08013		mg/Kg		80	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	100		70 - 130						

Lab Sample ID: 880-49076-41 MSD
Matrix: Solid
Analysis Batch: 91815

Client Sample ID: T-4 (4')
Prep Type: Total/NA
Prep Batch: 91962

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	0.07863		mg/Kg		79	70 - 130	4	35
Toluene	<0.00201	U	0.100	0.07474		mg/Kg		75	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.100	0.07352		mg/Kg		74	70 - 130	4	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1531		mg/Kg		77	70 - 130	4	35
o-Xylene	<0.00201	U	0.100	0.07750		mg/Kg		77	70 - 130	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	104		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

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

Lab Sample ID: MB 880-91957/1-A
Matrix: Solid
Analysis Batch: 92179

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91957

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		09/27/24 15:16	09/30/24 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 11:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:16	09/30/24 11:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
1-Chlorooctane	78		70 - 130						
o-Terphenyl	192	S1+	70 - 130						

Lab Sample ID: LCS 880-91957/2-A
Matrix: Solid
Analysis Batch: 92179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91957

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1092		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1072		mg/Kg		107	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-91957/2-A
Matrix: Solid
Analysis Batch: 92179

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91957

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	140	S1+	70 - 130
o-Terphenyl	133	S1+	70 - 130

Lab Sample ID: LCSD 880-91957/3-A
Matrix: Solid
Analysis Batch: 92179

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91957

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	928.1		mg/Kg		93	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	889.5		mg/Kg		89	70 - 130	19	20
Surrogate	LCSD	LCSD									
	%Recovery	Qualifier									
1-Chlorooctane	124										
o-Terphenyl	116										

Lab Sample ID: 880-49076-1 MS
Matrix: Solid
Analysis Batch: 92179

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 91957

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	992	871.9		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	992	792.9		mg/Kg		80	70 - 130		
Surrogate	MS	MS									
	%Recovery	Qualifier									
1-Chlorooctane	100										
o-Terphenyl	89										

Lab Sample ID: 880-49076-1 MSD
Matrix: Solid
Analysis Batch: 92179

Client Sample ID: T-1 (0-1')
Prep Type: Total/NA
Prep Batch: 91957

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	992	843.6		mg/Kg		85	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<49.9	U	992	801.2		mg/Kg		81	70 - 130	1	20
Surrogate	MSD	MSD									
	%Recovery	Qualifier									
1-Chlorooctane	101										
o-Terphenyl	91										

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-91958/1-A

Matrix: Solid

Analysis Batch: 92179

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91958

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		09/27/24 15:20	10/01/24 00:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 00:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:20	10/01/24 00:05	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130				09/27/24 15:20	10/01/24 00:05	1
o-Terphenyl	85		70 - 130				09/27/24 15:20	10/01/24 00:05	1

Lab Sample ID: LCS 880-91958/2-A

Matrix: Solid

Analysis Batch: 92179

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	971.6		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1057		mg/Kg		106	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	105		70 - 130				
o-Terphenyl	105		70 - 130				

Lab Sample ID: LCSD 880-91958/3-A

Matrix: Solid

Analysis Batch: 92179

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 91958

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	971.1		mg/Kg		97	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	1159		mg/Kg		116	70 - 130	9	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	114		70 - 130						
o-Terphenyl	115		70 - 130						

Lab Sample ID: 880-49076-21 MS

Matrix: Solid

Analysis Batch: 92179

Client Sample ID: T-2 (10')

Prep Type: Total/NA

Prep Batch: 91958

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	997	941.8		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	997	919.1		mg/Kg		92	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-49076-21 MS

Matrix: Solid

Analysis Batch: 92179

Client Sample ID: T-2 (10')

Prep Type: Total/NA

Prep Batch: 91958

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	102		70 - 130

Lab Sample ID: 880-49076-21 MSD

Matrix: Solid

Analysis Batch: 92179

Client Sample ID: T-2 (10')

Prep Type: Total/NA

Prep Batch: 91958

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	997	856.3		mg/Kg		86	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	896.0		mg/Kg		90	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	108		70 - 130								
o-Terphenyl	100		70 - 130								

Lab Sample ID: MB 880-91960/1-A

Matrix: Solid

Analysis Batch: 92182

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 91960

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		09/27/24 15:22	09/30/24 11:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:22	09/30/24 11:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:22	09/30/24 11:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130				09/27/24 15:22	09/30/24 11:03	1
o-Terphenyl	133	S1+	70 - 130				09/27/24 15:22	09/30/24 11:03	1

Lab Sample ID: LCS 880-91960/2-A

Matrix: Solid

Analysis Batch: 92182

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 91960

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1307	*+	mg/Kg		131	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1312	*+	mg/Kg		131	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	164	S1+	70 - 130				
o-Terphenyl	163	S1+	70 - 130				

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCSD 880-91960/3-A
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91960

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1185		mg/Kg		119	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	1000	1260		mg/Kg		126	70 - 130	4	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	159	S1+	70 - 130						
o-Terphenyl	156	S1+	70 - 130						

Lab Sample ID: 880-49076-41 MS
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: T-4 (4')
Prep Type: Total/NA
Prep Batch: 91960

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U **	998	717.3		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U **	998	759.3		mg/Kg		76	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: 880-49076-41 MSD
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: T-4 (4')
Prep Type: Total/NA
Prep Batch: 91960

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 **	998	760.2		mg/Kg		76	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U **	998	756.7		mg/Kg		76	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	89		70 - 130								

Lab Sample ID: MB 880-91963/1-A
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91963

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		09/27/24 15:27	10/01/24 00:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/24 15:27	10/01/24 00:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/24 15:27	10/01/24 00:05	1

QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: MB 880-91963/1-A
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91963

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	65	S1-	70 - 130	09/27/24 15:27	10/01/24 00:05	1				
o-Terphenyl	71		70 - 130	09/27/24 15:27	10/01/24 00:05	1				

Lab Sample ID: LCS 880-91963/2-A
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91963

			Spike	LCS	LCS				%Rec		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1060		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1075		mg/Kg		107	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	117		70 - 130								
o-Terphenyl	113		70 - 130								

Lab Sample ID: LCSD 880-91963/3-A
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91963

			Spike	LCSD	LCSD				%Rec			RPD
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10			1000	1169		mg/Kg		117	70 - 130	10	20	
Diesel Range Organics (Over C10-C28)			1000	1215		mg/Kg		122	70 - 130	12	20	
Surrogate	%Recovery	Qualifier	Limits									
1-Chlorooctane	133	S1+	70 - 130									
o-Terphenyl	130		70 - 130									

Lab Sample ID: 880-49076-61 MS
Matrix: Solid
Analysis Batch: 92182

Client Sample ID: T-5 (11')
Prep Type: Total/NA
Prep Batch: 91963

	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	994	758.8		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	994	774.2		mg/Kg		78	70 - 130		
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	89		70 - 130								
o-Terphenyl	87		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-49076-61 MSD

Matrix: Solid

Analysis Batch: 92182

Client Sample ID: T-5 (11')

Prep Type: Total/NA

Prep Batch: 91963

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	994	717.9		mg/Kg		72	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<49.9	U	994	769.8		mg/Kg		77	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	87		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-92064/1-A

Matrix: Solid

Analysis Batch: 92157

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/01/24 15:18	1

Lab Sample ID: LCS 880-92064/2-A

Matrix: Solid

Analysis Batch: 92157

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	266.7		mg/Kg		107	90 - 110

Lab Sample ID: LCSD 880-92064/3-A

Matrix: Solid

Analysis Batch: 92157

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	263.9		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-49075-A-1-C MS

Matrix: Solid

Analysis Batch: 92157

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	615		249	856.8		mg/Kg		97	90 - 110

Lab Sample ID: 880-49075-A-1-D MSD

Matrix: Solid

Analysis Batch: 92157

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	615		249	851.5		mg/Kg		95	90 - 110	1	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-92081/1-A

Matrix: Solid

Analysis Batch: 92159

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/01/24 04:25	1

Lab Sample ID: LCS 880-92081/2-A

Matrix: Solid

Analysis Batch: 92159

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.8		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-92081/3-A

Matrix: Solid

Analysis Batch: 92159

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	247.5		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 880-49076-10 MS

Matrix: Solid

Analysis Batch: 92159

Client Sample ID: T-1 (9')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.31		252	247.4		mg/Kg		96	90 - 110

Lab Sample ID: 880-49076-10 MSD

Matrix: Solid

Analysis Batch: 92159

Client Sample ID: T-1 (9')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.31		252	248.6		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-49076-20 MS

Matrix: Solid

Analysis Batch: 92159

Client Sample ID: T-2 (9')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1750		1260	3110		mg/Kg		108	90 - 110

Lab Sample ID: 880-49076-20 MSD

Matrix: Solid

Analysis Batch: 92159

Client Sample ID: T-2 (9')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1750		1260	3121		mg/Kg		109	90 - 110	0	20

Lab Sample ID: MB 880-92094/1-A

Matrix: Solid

Analysis Batch: 92160

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/01/24 02:56	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-92094/2-A
Matrix: Solid
Analysis Batch: 92160

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	245.2		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-92094/3-A
Matrix: Solid
Analysis Batch: 92160

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	240.5		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 880-49076-30 MS
Matrix: Solid
Analysis Batch: 92160

Client Sample ID: T-3 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2010	F1	1250	3373		mg/Kg		109	90 - 110

Lab Sample ID: 880-49076-30 MSD
Matrix: Solid
Analysis Batch: 92160

Client Sample ID: T-3 (6')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2010	F1	1250	3769	F1	mg/Kg		141	90 - 110	11	20

Lab Sample ID: 880-49076-40 MS
Matrix: Solid
Analysis Batch: 92160

Client Sample ID: T-4 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2460		2520	4951		mg/Kg		99	90 - 110

Lab Sample ID: 880-49076-40 MSD
Matrix: Solid
Analysis Batch: 92160

Client Sample ID: T-4 (3')
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2460		2520	4908		mg/Kg		97	90 - 110	1	20

Lab Sample ID: MB 880-92099/1-A
Matrix: Solid
Analysis Batch: 92161

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			10/01/24 07:34	1

Lab Sample ID: LCS 880-92099/2-A
Matrix: Solid
Analysis Batch: 92161

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	249.1		mg/Kg		100	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-92099/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92161											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	250.3		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-49076-50 MS				Client Sample ID: T-5 (0-1')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92161											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	7110	F1	4960	13510	F1	mg/Kg		129	90 - 110		

Lab Sample ID: 880-49076-50 MSD				Client Sample ID: T-5 (0-1')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92161											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7110	F1	4960	13560	F1	mg/Kg		130	90 - 110	0	20

Lab Sample ID: 880-49076-60 MS				Client Sample ID: T-5 (10')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92161											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	930	F1	1250	2644	F1	mg/Kg		137	90 - 110		

Lab Sample ID: 880-49076-60 MSD				Client Sample ID: T-5 (10')							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 92161											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	930	F1	1250	2649	F1	mg/Kg		138	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC VOA

Analysis Batch: 91815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-41	T-4 (4')	Total/NA	Solid	8021B	91962
880-49076-42	T-4 (5')	Total/NA	Solid	8021B	91962
880-49076-43	T-4 (6')	Total/NA	Solid	8021B	91962
880-49076-44	T-4 (7')	Total/NA	Solid	8021B	91962
880-49076-45	T-4 (8')	Total/NA	Solid	8021B	91962
880-49076-46	T-4 (9')	Total/NA	Solid	8021B	91962
880-49076-47	T-4 (10')	Total/NA	Solid	8021B	91962
880-49076-48	T-4 (11')	Total/NA	Solid	8021B	91962
880-49076-49	T-4 (12')	Total/NA	Solid	8021B	91962
880-49076-50	T-5 (0-1')	Total/NA	Solid	8021B	91962
880-49076-51	T-5 (1.5')	Total/NA	Solid	8021B	91962
880-49076-52	T-5 (2')	Total/NA	Solid	8021B	91962
880-49076-53	T-5 (3')	Total/NA	Solid	8021B	91962
880-49076-54	T-5 (4')	Total/NA	Solid	8021B	91962
880-49076-55	T-5 (5')	Total/NA	Solid	8021B	91962
880-49076-56	T-5 (6')	Total/NA	Solid	8021B	91962
880-49076-57	T-5 (7')	Total/NA	Solid	8021B	91962
880-49076-58	T-5 (8')	Total/NA	Solid	8021B	91962
880-49076-59	T-5 (9')	Total/NA	Solid	8021B	91962
880-49076-60	T-5 (10')	Total/NA	Solid	8021B	91962
880-49076-61	T-5 (11')	Total/NA	Solid	8021B	91902
880-49076-62	T-5 (12')	Total/NA	Solid	8021B	91902
MB 880-91815/39	Method Blank	Total/NA	Solid	8021B	
MB 880-91902/5-A	Method Blank	Total/NA	Solid	8021B	91902
MB 880-91962/5-A	Method Blank	Total/NA	Solid	8021B	91962
LCS 880-91902/1-A	Lab Control Sample	Total/NA	Solid	8021B	91902
LCS 880-91962/1-A	Lab Control Sample	Total/NA	Solid	8021B	91962
LCSD 880-91902/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91902
LCSD 880-91962/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91962
880-49076-41 MS	T-4 (4')	Total/NA	Solid	8021B	91962
880-49076-41 MSD	T-4 (4')	Total/NA	Solid	8021B	91962

Analysis Batch: 91882

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-21	T-2 (10')	Total/NA	Solid	8021B	91961
880-49076-22	T-2 (11')	Total/NA	Solid	8021B	91961
880-49076-23	T-2 (12')	Total/NA	Solid	8021B	91961
880-49076-24	T-3 (0-1')	Total/NA	Solid	8021B	91961
880-49076-25	T-3 (1.5')	Total/NA	Solid	8021B	91961
880-49076-26	T-3 (2')	Total/NA	Solid	8021B	91961
880-49076-27	T-3 (3')	Total/NA	Solid	8021B	91961
880-49076-28	T-3 (4')	Total/NA	Solid	8021B	91961
880-49076-29	T-3 (5')	Total/NA	Solid	8021B	91961
880-49076-30	T-3 (6')	Total/NA	Solid	8021B	91961
880-49076-31	T-3 (7')	Total/NA	Solid	8021B	91961
880-49076-32	T-3 (8')	Total/NA	Solid	8021B	91961
880-49076-33	T-3 (9')	Total/NA	Solid	8021B	91961
880-49076-34	T-3 (10')	Total/NA	Solid	8021B	91961
880-49076-35	T-3 (11')	Total/NA	Solid	8021B	91961
880-49076-36	T-3 (12')	Total/NA	Solid	8021B	91961
880-49076-37	T-4 (0-1')	Total/NA	Solid	8021B	91961

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 91882 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-38	T-4 (1.5')	Total/NA	Solid	8021B	91961
880-49076-39	T-4 (2')	Total/NA	Solid	8021B	91961
880-49076-40	T-4 (3')	Total/NA	Solid	8021B	91961
MB 880-91921/5-A	Method Blank	Total/NA	Solid	8021B	91921
MB 880-91961/5-A	Method Blank	Total/NA	Solid	8021B	91961
LCS 880-91961/1-A	Lab Control Sample	Total/NA	Solid	8021B	91961
LCSD 880-91961/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91961
880-49076-21 MS	T-2 (10')	Total/NA	Solid	8021B	91961
880-49076-21 MSD	T-2 (10')	Total/NA	Solid	8021B	91961

Analysis Batch: 91883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Total/NA	Solid	8021B	91959
880-49076-2	T-1 (1.5')	Total/NA	Solid	8021B	91959
880-49076-3	T-1 (2')	Total/NA	Solid	8021B	91959
880-49076-4	T-1 (3')	Total/NA	Solid	8021B	91959
880-49076-5	T-1 (4')	Total/NA	Solid	8021B	91959
880-49076-6	T-1 (5')	Total/NA	Solid	8021B	91959
880-49076-7	T-1 (6')	Total/NA	Solid	8021B	91959
880-49076-8	T-1 (7')	Total/NA	Solid	8021B	91959
880-49076-9	T-1 (8')	Total/NA	Solid	8021B	91959
880-49076-10	T-1 (9')	Total/NA	Solid	8021B	91959
880-49076-11	T-2 (0-1')	Total/NA	Solid	8021B	91959
880-49076-12	T-2 (1.5')	Total/NA	Solid	8021B	91959
880-49076-13	T-2 (2')	Total/NA	Solid	8021B	91959
880-49076-14	T-2 (3')	Total/NA	Solid	8021B	91959
880-49076-15	T-2 (4')	Total/NA	Solid	8021B	91959
880-49076-16	T-2 (5')	Total/NA	Solid	8021B	91959
880-49076-17	T-2 (6')	Total/NA	Solid	8021B	91959
880-49076-18	T-2 (7')	Total/NA	Solid	8021B	91959
880-49076-19	T-2 (8')	Total/NA	Solid	8021B	91959
880-49076-20	T-2 (9')	Total/NA	Solid	8021B	91959
MB 880-91891/5-A	Method Blank	Total/NA	Solid	8021B	91891
MB 880-91959/5-A	Method Blank	Total/NA	Solid	8021B	91959
LCS 880-91959/1-A	Lab Control Sample	Total/NA	Solid	8021B	91959
LCSD 880-91959/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	91959
880-49076-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	91959
880-49076-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	91959

Prep Batch: 91891

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-91891/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 91902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-61	T-5 (11')	Total/NA	Solid	5035	
880-49076-62	T-5 (12')	Total/NA	Solid	5035	
MB 880-91902/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91902/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91902/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 91921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-91921/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 91959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Total/NA	Solid	5035	
880-49076-2	T-1 (1.5')	Total/NA	Solid	5035	
880-49076-3	T-1 (2')	Total/NA	Solid	5035	
880-49076-4	T-1 (3')	Total/NA	Solid	5035	
880-49076-5	T-1 (4')	Total/NA	Solid	5035	
880-49076-6	T-1 (5')	Total/NA	Solid	5035	
880-49076-7	T-1 (6')	Total/NA	Solid	5035	
880-49076-8	T-1 (7')	Total/NA	Solid	5035	
880-49076-9	T-1 (8')	Total/NA	Solid	5035	
880-49076-10	T-1 (9')	Total/NA	Solid	5035	
880-49076-11	T-2 (0-1')	Total/NA	Solid	5035	
880-49076-12	T-2 (1.5')	Total/NA	Solid	5035	
880-49076-13	T-2 (2')	Total/NA	Solid	5035	
880-49076-14	T-2 (3')	Total/NA	Solid	5035	
880-49076-15	T-2 (4')	Total/NA	Solid	5035	
880-49076-16	T-2 (5')	Total/NA	Solid	5035	
880-49076-17	T-2 (6')	Total/NA	Solid	5035	
880-49076-18	T-2 (7')	Total/NA	Solid	5035	
880-49076-19	T-2 (8')	Total/NA	Solid	5035	
880-49076-20	T-2 (9')	Total/NA	Solid	5035	
MB 880-91959/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91959/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91959/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49076-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-49076-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 91961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-21	T-2 (10')	Total/NA	Solid	5035	
880-49076-22	T-2 (11')	Total/NA	Solid	5035	
880-49076-23	T-2 (12')	Total/NA	Solid	5035	
880-49076-24	T-3 (0-1')	Total/NA	Solid	5035	
880-49076-25	T-3 (1.5')	Total/NA	Solid	5035	
880-49076-26	T-3 (2')	Total/NA	Solid	5035	
880-49076-27	T-3 (3')	Total/NA	Solid	5035	
880-49076-28	T-3 (4')	Total/NA	Solid	5035	
880-49076-29	T-3 (5')	Total/NA	Solid	5035	
880-49076-30	T-3 (6')	Total/NA	Solid	5035	
880-49076-31	T-3 (7')	Total/NA	Solid	5035	
880-49076-32	T-3 (8')	Total/NA	Solid	5035	
880-49076-33	T-3 (9')	Total/NA	Solid	5035	
880-49076-34	T-3 (10')	Total/NA	Solid	5035	
880-49076-35	T-3 (11')	Total/NA	Solid	5035	
880-49076-36	T-3 (12')	Total/NA	Solid	5035	
880-49076-37	T-4 (0-1')	Total/NA	Solid	5035	
880-49076-38	T-4 (1.5')	Total/NA	Solid	5035	
880-49076-39	T-4 (2')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 91961 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-40	T-4 (3')	Total/NA	Solid	5035	
MB 880-91961/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91961/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91961/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49076-21 MS	T-2 (10')	Total/NA	Solid	5035	
880-49076-21 MSD	T-2 (10')	Total/NA	Solid	5035	

Prep Batch: 91962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-41	T-4 (4')	Total/NA	Solid	5035	
880-49076-42	T-4 (5')	Total/NA	Solid	5035	
880-49076-43	T-4 (6')	Total/NA	Solid	5035	
880-49076-44	T-4 (7')	Total/NA	Solid	5035	
880-49076-45	T-4 (8')	Total/NA	Solid	5035	
880-49076-46	T-4 (9')	Total/NA	Solid	5035	
880-49076-47	T-4 (10')	Total/NA	Solid	5035	
880-49076-48	T-4 (11')	Total/NA	Solid	5035	
880-49076-49	T-4 (12')	Total/NA	Solid	5035	
880-49076-50	T-5 (0-1')	Total/NA	Solid	5035	
880-49076-51	T-5 (1.5')	Total/NA	Solid	5035	
880-49076-52	T-5 (2')	Total/NA	Solid	5035	
880-49076-53	T-5 (3')	Total/NA	Solid	5035	
880-49076-54	T-5 (4')	Total/NA	Solid	5035	
880-49076-55	T-5 (5')	Total/NA	Solid	5035	
880-49076-56	T-5 (6')	Total/NA	Solid	5035	
880-49076-57	T-5 (7')	Total/NA	Solid	5035	
880-49076-58	T-5 (8')	Total/NA	Solid	5035	
880-49076-59	T-5 (9')	Total/NA	Solid	5035	
880-49076-60	T-5 (10')	Total/NA	Solid	5035	
MB 880-91962/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-91962/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-91962/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49076-41 MS	T-4 (4')	Total/NA	Solid	5035	
880-49076-41 MSD	T-4 (4')	Total/NA	Solid	5035	

Analysis Batch: 92122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-49076-2	T-1 (1.5')	Total/NA	Solid	Total BTEX	
880-49076-3	T-1 (2')	Total/NA	Solid	Total BTEX	
880-49076-4	T-1 (3')	Total/NA	Solid	Total BTEX	
880-49076-5	T-1 (4')	Total/NA	Solid	Total BTEX	
880-49076-6	T-1 (5')	Total/NA	Solid	Total BTEX	
880-49076-7	T-1 (6')	Total/NA	Solid	Total BTEX	
880-49076-8	T-1 (7')	Total/NA	Solid	Total BTEX	
880-49076-9	T-1 (8')	Total/NA	Solid	Total BTEX	
880-49076-10	T-1 (9')	Total/NA	Solid	Total BTEX	
880-49076-11	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-49076-12	T-2 (1.5')	Total/NA	Solid	Total BTEX	
880-49076-13	T-2 (2')	Total/NA	Solid	Total BTEX	
880-49076-14	T-2 (3')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC VOA (Continued)

Analysis Batch: 92122 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-15	T-2 (4')	Total/NA	Solid	Total BTEX	
880-49076-16	T-2 (5')	Total/NA	Solid	Total BTEX	
880-49076-17	T-2 (6')	Total/NA	Solid	Total BTEX	
880-49076-18	T-2 (7')	Total/NA	Solid	Total BTEX	
880-49076-19	T-2 (8')	Total/NA	Solid	Total BTEX	
880-49076-20	T-2 (9')	Total/NA	Solid	Total BTEX	
880-49076-21	T-2 (10')	Total/NA	Solid	Total BTEX	
880-49076-22	T-2 (11')	Total/NA	Solid	Total BTEX	
880-49076-23	T-2 (12')	Total/NA	Solid	Total BTEX	
880-49076-24	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-49076-25	T-3 (1.5')	Total/NA	Solid	Total BTEX	
880-49076-26	T-3 (2')	Total/NA	Solid	Total BTEX	
880-49076-27	T-3 (3')	Total/NA	Solid	Total BTEX	
880-49076-28	T-3 (4')	Total/NA	Solid	Total BTEX	
880-49076-29	T-3 (5')	Total/NA	Solid	Total BTEX	
880-49076-30	T-3 (6')	Total/NA	Solid	Total BTEX	
880-49076-31	T-3 (7')	Total/NA	Solid	Total BTEX	
880-49076-32	T-3 (8')	Total/NA	Solid	Total BTEX	
880-49076-33	T-3 (9')	Total/NA	Solid	Total BTEX	
880-49076-34	T-3 (10')	Total/NA	Solid	Total BTEX	
880-49076-35	T-3 (11')	Total/NA	Solid	Total BTEX	
880-49076-36	T-3 (12')	Total/NA	Solid	Total BTEX	
880-49076-37	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-49076-38	T-4 (1.5')	Total/NA	Solid	Total BTEX	
880-49076-39	T-4 (2')	Total/NA	Solid	Total BTEX	
880-49076-40	T-4 (3')	Total/NA	Solid	Total BTEX	
880-49076-41	T-4 (4')	Total/NA	Solid	Total BTEX	
880-49076-42	T-4 (5')	Total/NA	Solid	Total BTEX	
880-49076-43	T-4 (6')	Total/NA	Solid	Total BTEX	
880-49076-44	T-4 (7')	Total/NA	Solid	Total BTEX	
880-49076-45	T-4 (8')	Total/NA	Solid	Total BTEX	
880-49076-46	T-4 (9')	Total/NA	Solid	Total BTEX	
880-49076-47	T-4 (10')	Total/NA	Solid	Total BTEX	
880-49076-48	T-4 (11')	Total/NA	Solid	Total BTEX	
880-49076-49	T-4 (12')	Total/NA	Solid	Total BTEX	
880-49076-50	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-49076-51	T-5 (1.5')	Total/NA	Solid	Total BTEX	
880-49076-52	T-5 (2')	Total/NA	Solid	Total BTEX	
880-49076-53	T-5 (3')	Total/NA	Solid	Total BTEX	
880-49076-54	T-5 (4')	Total/NA	Solid	Total BTEX	
880-49076-55	T-5 (5')	Total/NA	Solid	Total BTEX	
880-49076-56	T-5 (6')	Total/NA	Solid	Total BTEX	
880-49076-57	T-5 (7')	Total/NA	Solid	Total BTEX	
880-49076-58	T-5 (8')	Total/NA	Solid	Total BTEX	
880-49076-59	T-5 (9')	Total/NA	Solid	Total BTEX	
880-49076-60	T-5 (10')	Total/NA	Solid	Total BTEX	
880-49076-61	T-5 (11')	Total/NA	Solid	Total BTEX	
880-49076-62	T-5 (12')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC Semi VOA

Prep Batch: 91957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49076-2	T-1 (1.5')	Total/NA	Solid	8015NM Prep	
880-49076-3	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-49076-4	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-49076-5	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-49076-6	T-1 (5')	Total/NA	Solid	8015NM Prep	
880-49076-7	T-1 (6')	Total/NA	Solid	8015NM Prep	
880-49076-8	T-1 (7')	Total/NA	Solid	8015NM Prep	
880-49076-9	T-1 (8')	Total/NA	Solid	8015NM Prep	
880-49076-10	T-1 (9')	Total/NA	Solid	8015NM Prep	
880-49076-11	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-49076-12	T-2 (1.5')	Total/NA	Solid	8015NM Prep	
880-49076-13	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-49076-14	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-49076-15	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-49076-16	T-2 (5')	Total/NA	Solid	8015NM Prep	
880-49076-17	T-2 (6')	Total/NA	Solid	8015NM Prep	
880-49076-18	T-2 (7')	Total/NA	Solid	8015NM Prep	
880-49076-19	T-2 (8')	Total/NA	Solid	8015NM Prep	
880-49076-20	T-2 (9')	Total/NA	Solid	8015NM Prep	
MB 880-91957/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91957/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91957/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49076-1 MS	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-49076-1 MSD	T-1 (0-1')	Total/NA	Solid	8015NM Prep	

Prep Batch: 91958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-21	T-2 (10')	Total/NA	Solid	8015NM Prep	
880-49076-22	T-2 (11')	Total/NA	Solid	8015NM Prep	
880-49076-23	T-2 (12')	Total/NA	Solid	8015NM Prep	
880-49076-24	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-49076-25	T-3 (1.5')	Total/NA	Solid	8015NM Prep	
880-49076-26	T-3 (2')	Total/NA	Solid	8015NM Prep	
880-49076-27	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-49076-28	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-49076-29	T-3 (5')	Total/NA	Solid	8015NM Prep	
880-49076-30	T-3 (6')	Total/NA	Solid	8015NM Prep	
880-49076-31	T-3 (7')	Total/NA	Solid	8015NM Prep	
880-49076-32	T-3 (8')	Total/NA	Solid	8015NM Prep	
880-49076-33	T-3 (9')	Total/NA	Solid	8015NM Prep	
880-49076-34	T-3 (10')	Total/NA	Solid	8015NM Prep	
880-49076-35	T-3 (11')	Total/NA	Solid	8015NM Prep	
880-49076-36	T-3 (12')	Total/NA	Solid	8015NM Prep	
880-49076-37	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-49076-38	T-4 (1.5')	Total/NA	Solid	8015NM Prep	
880-49076-39	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-49076-40	T-4 (3')	Total/NA	Solid	8015NM Prep	
MB 880-91958/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91958/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91958/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Prep Batch: 91958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-21 MS	T-2 (10')	Total/NA	Solid	8015NM Prep	
880-49076-21 MSD	T-2 (10')	Total/NA	Solid	8015NM Prep	

Prep Batch: 91960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-41	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-49076-42	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-49076-43	T-4 (6')	Total/NA	Solid	8015NM Prep	
880-49076-44	T-4 (7')	Total/NA	Solid	8015NM Prep	
880-49076-45	T-4 (8')	Total/NA	Solid	8015NM Prep	
880-49076-46	T-4 (9')	Total/NA	Solid	8015NM Prep	
880-49076-47	T-4 (10')	Total/NA	Solid	8015NM Prep	
880-49076-48	T-4 (11')	Total/NA	Solid	8015NM Prep	
880-49076-49	T-4 (12')	Total/NA	Solid	8015NM Prep	
880-49076-50	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-49076-51	T-5 (1.5')	Total/NA	Solid	8015NM Prep	
880-49076-52	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-49076-53	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-49076-54	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-49076-55	T-5 (5')	Total/NA	Solid	8015NM Prep	
880-49076-56	T-5 (6')	Total/NA	Solid	8015NM Prep	
880-49076-57	T-5 (7')	Total/NA	Solid	8015NM Prep	
880-49076-58	T-5 (8')	Total/NA	Solid	8015NM Prep	
880-49076-59	T-5 (9')	Total/NA	Solid	8015NM Prep	
880-49076-60	T-5 (10')	Total/NA	Solid	8015NM Prep	
MB 880-91960/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91960/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91960/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49076-41 MS	T-4 (4')	Total/NA	Solid	8015NM Prep	
880-49076-41 MSD	T-4 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 91963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-61	T-5 (11')	Total/NA	Solid	8015NM Prep	
880-49076-62	T-5 (12')	Total/NA	Solid	8015NM Prep	
MB 880-91963/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-91963/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-91963/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49076-61 MS	T-5 (11')	Total/NA	Solid	8015NM Prep	
880-49076-61 MSD	T-5 (11')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 92179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Total/NA	Solid	8015B NM	91957
880-49076-2	T-1 (1.5')	Total/NA	Solid	8015B NM	91957
880-49076-3	T-1 (2')	Total/NA	Solid	8015B NM	91957
880-49076-4	T-1 (3')	Total/NA	Solid	8015B NM	91957
880-49076-5	T-1 (4')	Total/NA	Solid	8015B NM	91957
880-49076-6	T-1 (5')	Total/NA	Solid	8015B NM	91957
880-49076-7	T-1 (6')	Total/NA	Solid	8015B NM	91957
880-49076-8	T-1 (7')	Total/NA	Solid	8015B NM	91957

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 92179 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-9	T-1 (8')	Total/NA	Solid	8015B NM	91957
880-49076-10	T-1 (9')	Total/NA	Solid	8015B NM	91957
880-49076-11	T-2 (0-1')	Total/NA	Solid	8015B NM	91957
880-49076-12	T-2 (1.5')	Total/NA	Solid	8015B NM	91957
880-49076-13	T-2 (2')	Total/NA	Solid	8015B NM	91957
880-49076-14	T-2 (3')	Total/NA	Solid	8015B NM	91957
880-49076-15	T-2 (4')	Total/NA	Solid	8015B NM	91957
880-49076-16	T-2 (5')	Total/NA	Solid	8015B NM	91957
880-49076-17	T-2 (6')	Total/NA	Solid	8015B NM	91957
880-49076-18	T-2 (7')	Total/NA	Solid	8015B NM	91957
880-49076-19	T-2 (8')	Total/NA	Solid	8015B NM	91957
880-49076-20	T-2 (9')	Total/NA	Solid	8015B NM	91957
880-49076-21	T-2 (10')	Total/NA	Solid	8015B NM	91958
880-49076-22	T-2 (11')	Total/NA	Solid	8015B NM	91958
880-49076-23	T-2 (12')	Total/NA	Solid	8015B NM	91958
880-49076-24	T-3 (0-1')	Total/NA	Solid	8015B NM	91958
880-49076-25	T-3 (1.5')	Total/NA	Solid	8015B NM	91958
880-49076-26	T-3 (2')	Total/NA	Solid	8015B NM	91958
880-49076-27	T-3 (3')	Total/NA	Solid	8015B NM	91958
880-49076-28	T-3 (4')	Total/NA	Solid	8015B NM	91958
880-49076-29	T-3 (5')	Total/NA	Solid	8015B NM	91958
880-49076-30	T-3 (6')	Total/NA	Solid	8015B NM	91958
880-49076-31	T-3 (7')	Total/NA	Solid	8015B NM	91958
880-49076-32	T-3 (8')	Total/NA	Solid	8015B NM	91958
880-49076-33	T-3 (9')	Total/NA	Solid	8015B NM	91958
880-49076-34	T-3 (10')	Total/NA	Solid	8015B NM	91958
880-49076-35	T-3 (11')	Total/NA	Solid	8015B NM	91958
880-49076-36	T-3 (12')	Total/NA	Solid	8015B NM	91958
880-49076-37	T-4 (0-1')	Total/NA	Solid	8015B NM	91958
880-49076-38	T-4 (1.5')	Total/NA	Solid	8015B NM	91958
880-49076-39	T-4 (2')	Total/NA	Solid	8015B NM	91958
880-49076-40	T-4 (3')	Total/NA	Solid	8015B NM	91958
MB 880-91957/1-A	Method Blank	Total/NA	Solid	8015B NM	91957
MB 880-91958/1-A	Method Blank	Total/NA	Solid	8015B NM	91958
LCS 880-91957/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91957
LCS 880-91958/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91958
LCSD 880-91957/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91957
LCSD 880-91958/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91958
880-49076-1 MS	T-1 (0-1')	Total/NA	Solid	8015B NM	91957
880-49076-1 MSD	T-1 (0-1')	Total/NA	Solid	8015B NM	91957
880-49076-21 MS	T-2 (10')	Total/NA	Solid	8015B NM	91958
880-49076-21 MSD	T-2 (10')	Total/NA	Solid	8015B NM	91958

Analysis Batch: 92182

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-41	T-4 (4')	Total/NA	Solid	8015B NM	91960
880-49076-42	T-4 (5')	Total/NA	Solid	8015B NM	91960
880-49076-43	T-4 (6')	Total/NA	Solid	8015B NM	91960
880-49076-44	T-4 (7')	Total/NA	Solid	8015B NM	91960
880-49076-45	T-4 (8')	Total/NA	Solid	8015B NM	91960
880-49076-46	T-4 (9')	Total/NA	Solid	8015B NM	91960

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 92182 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-47	T-4 (10')	Total/NA	Solid	8015B NM	91960
880-49076-48	T-4 (11')	Total/NA	Solid	8015B NM	91960
880-49076-49	T-4 (12')	Total/NA	Solid	8015B NM	91960
880-49076-50	T-5 (0-1')	Total/NA	Solid	8015B NM	91960
880-49076-51	T-5 (1.5')	Total/NA	Solid	8015B NM	91960
880-49076-52	T-5 (2')	Total/NA	Solid	8015B NM	91960
880-49076-53	T-5 (3')	Total/NA	Solid	8015B NM	91960
880-49076-54	T-5 (4')	Total/NA	Solid	8015B NM	91960
880-49076-55	T-5 (5')	Total/NA	Solid	8015B NM	91960
880-49076-56	T-5 (6')	Total/NA	Solid	8015B NM	91960
880-49076-57	T-5 (7')	Total/NA	Solid	8015B NM	91960
880-49076-58	T-5 (8')	Total/NA	Solid	8015B NM	91960
880-49076-59	T-5 (9')	Total/NA	Solid	8015B NM	91960
880-49076-60	T-5 (10')	Total/NA	Solid	8015B NM	91960
880-49076-61	T-5 (11')	Total/NA	Solid	8015B NM	91963
880-49076-62	T-5 (12')	Total/NA	Solid	8015B NM	91963
MB 880-91960/1-A	Method Blank	Total/NA	Solid	8015B NM	91960
MB 880-91963/1-A	Method Blank	Total/NA	Solid	8015B NM	91963
LCS 880-91960/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91960
LCS 880-91963/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	91963
LCSD 880-91960/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91960
LCSD 880-91963/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	91963
880-49076-41 MS	T-4 (4')	Total/NA	Solid	8015B NM	91960
880-49076-41 MSD	T-4 (4')	Total/NA	Solid	8015B NM	91960
880-49076-61 MS	T-5 (11')	Total/NA	Solid	8015B NM	91963
880-49076-61 MSD	T-5 (11')	Total/NA	Solid	8015B NM	91963

Analysis Batch: 92269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-49076-2	T-1 (1.5')	Total/NA	Solid	8015 NM	
880-49076-3	T-1 (2')	Total/NA	Solid	8015 NM	
880-49076-4	T-1 (3')	Total/NA	Solid	8015 NM	
880-49076-5	T-1 (4')	Total/NA	Solid	8015 NM	
880-49076-6	T-1 (5')	Total/NA	Solid	8015 NM	
880-49076-7	T-1 (6')	Total/NA	Solid	8015 NM	
880-49076-8	T-1 (7')	Total/NA	Solid	8015 NM	
880-49076-9	T-1 (8')	Total/NA	Solid	8015 NM	
880-49076-10	T-1 (9')	Total/NA	Solid	8015 NM	
880-49076-11	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-49076-12	T-2 (1.5')	Total/NA	Solid	8015 NM	
880-49076-13	T-2 (2')	Total/NA	Solid	8015 NM	
880-49076-14	T-2 (3')	Total/NA	Solid	8015 NM	
880-49076-15	T-2 (4')	Total/NA	Solid	8015 NM	
880-49076-16	T-2 (5')	Total/NA	Solid	8015 NM	
880-49076-17	T-2 (6')	Total/NA	Solid	8015 NM	
880-49076-18	T-2 (7')	Total/NA	Solid	8015 NM	
880-49076-19	T-2 (8')	Total/NA	Solid	8015 NM	
880-49076-20	T-2 (9')	Total/NA	Solid	8015 NM	
880-49076-21	T-2 (10')	Total/NA	Solid	8015 NM	
880-49076-22	T-2 (11')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 92269 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-23	T-2 (12')	Total/NA	Solid	8015 NM	
880-49076-24	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-49076-25	T-3 (1.5')	Total/NA	Solid	8015 NM	
880-49076-26	T-3 (2')	Total/NA	Solid	8015 NM	
880-49076-27	T-3 (3')	Total/NA	Solid	8015 NM	
880-49076-28	T-3 (4')	Total/NA	Solid	8015 NM	
880-49076-29	T-3 (5')	Total/NA	Solid	8015 NM	
880-49076-30	T-3 (6')	Total/NA	Solid	8015 NM	
880-49076-31	T-3 (7')	Total/NA	Solid	8015 NM	
880-49076-32	T-3 (8')	Total/NA	Solid	8015 NM	
880-49076-33	T-3 (9')	Total/NA	Solid	8015 NM	
880-49076-34	T-3 (10')	Total/NA	Solid	8015 NM	
880-49076-35	T-3 (11')	Total/NA	Solid	8015 NM	
880-49076-36	T-3 (12')	Total/NA	Solid	8015 NM	
880-49076-37	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-49076-38	T-4 (1.5')	Total/NA	Solid	8015 NM	
880-49076-39	T-4 (2')	Total/NA	Solid	8015 NM	
880-49076-40	T-4 (3')	Total/NA	Solid	8015 NM	
880-49076-41	T-4 (4')	Total/NA	Solid	8015 NM	
880-49076-42	T-4 (5')	Total/NA	Solid	8015 NM	
880-49076-43	T-4 (6')	Total/NA	Solid	8015 NM	
880-49076-44	T-4 (7')	Total/NA	Solid	8015 NM	
880-49076-45	T-4 (8')	Total/NA	Solid	8015 NM	
880-49076-46	T-4 (9')	Total/NA	Solid	8015 NM	
880-49076-47	T-4 (10')	Total/NA	Solid	8015 NM	
880-49076-48	T-4 (11')	Total/NA	Solid	8015 NM	
880-49076-49	T-4 (12')	Total/NA	Solid	8015 NM	
880-49076-50	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-49076-51	T-5 (1.5')	Total/NA	Solid	8015 NM	
880-49076-52	T-5 (2')	Total/NA	Solid	8015 NM	
880-49076-53	T-5 (3')	Total/NA	Solid	8015 NM	
880-49076-54	T-5 (4')	Total/NA	Solid	8015 NM	
880-49076-55	T-5 (5')	Total/NA	Solid	8015 NM	
880-49076-56	T-5 (6')	Total/NA	Solid	8015 NM	
880-49076-57	T-5 (7')	Total/NA	Solid	8015 NM	
880-49076-58	T-5 (8')	Total/NA	Solid	8015 NM	
880-49076-59	T-5 (9')	Total/NA	Solid	8015 NM	
880-49076-60	T-5 (10')	Total/NA	Solid	8015 NM	
880-49076-61	T-5 (11')	Total/NA	Solid	8015 NM	
880-49076-62	T-5 (12')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 92064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-49076-2	T-1 (1.5')	Soluble	Solid	DI Leach	
880-49076-3	T-1 (2')	Soluble	Solid	DI Leach	
880-49076-4	T-1 (3')	Soluble	Solid	DI Leach	
880-49076-5	T-1 (4')	Soluble	Solid	DI Leach	
880-49076-6	T-1 (5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 92064 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-7	T-1 (6')	Soluble	Solid	DI Leach	
880-49076-8	T-1 (7')	Soluble	Solid	DI Leach	
880-49076-9	T-1 (8')	Soluble	Solid	DI Leach	
MB 880-92064/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92064/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92064/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49075-A-1-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-49075-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 92081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-10	T-1 (9')	Soluble	Solid	DI Leach	
880-49076-11	T-2 (0-1')	Soluble	Solid	DI Leach	
880-49076-12	T-2 (1.5')	Soluble	Solid	DI Leach	
880-49076-13	T-2 (2')	Soluble	Solid	DI Leach	
880-49076-14	T-2 (3')	Soluble	Solid	DI Leach	
880-49076-15	T-2 (4')	Soluble	Solid	DI Leach	
880-49076-16	T-2 (5')	Soluble	Solid	DI Leach	
880-49076-17	T-2 (6')	Soluble	Solid	DI Leach	
880-49076-18	T-2 (7')	Soluble	Solid	DI Leach	
880-49076-19	T-2 (8')	Soluble	Solid	DI Leach	
880-49076-20	T-2 (9')	Soluble	Solid	DI Leach	
880-49076-21	T-2 (10')	Soluble	Solid	DI Leach	
880-49076-22	T-2 (11')	Soluble	Solid	DI Leach	
880-49076-23	T-2 (12')	Soluble	Solid	DI Leach	
880-49076-24	T-3 (0-1')	Soluble	Solid	DI Leach	
880-49076-25	T-3 (1.5')	Soluble	Solid	DI Leach	
880-49076-26	T-3 (2')	Soluble	Solid	DI Leach	
880-49076-27	T-3 (3')	Soluble	Solid	DI Leach	
880-49076-28	T-3 (4')	Soluble	Solid	DI Leach	
880-49076-29	T-3 (5')	Soluble	Solid	DI Leach	
MB 880-92081/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92081/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92081/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49076-10 MS	T-1 (9')	Soluble	Solid	DI Leach	
880-49076-10 MSD	T-1 (9')	Soluble	Solid	DI Leach	
880-49076-20 MS	T-2 (9')	Soluble	Solid	DI Leach	
880-49076-20 MSD	T-2 (9')	Soluble	Solid	DI Leach	

Leach Batch: 92094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-30	T-3 (6')	Soluble	Solid	DI Leach	
880-49076-31	T-3 (7')	Soluble	Solid	DI Leach	
880-49076-32	T-3 (8')	Soluble	Solid	DI Leach	
880-49076-33	T-3 (9')	Soluble	Solid	DI Leach	
880-49076-34	T-3 (10')	Soluble	Solid	DI Leach	
880-49076-35	T-3 (11')	Soluble	Solid	DI Leach	
880-49076-36	T-3 (12')	Soluble	Solid	DI Leach	
880-49076-37	T-4 (0-1')	Soluble	Solid	DI Leach	
880-49076-38	T-4 (1.5')	Soluble	Solid	DI Leach	
880-49076-39	T-4 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Leach Batch: 92094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-40	T-4 (3')	Soluble	Solid	DI Leach	
880-49076-41	T-4 (4')	Soluble	Solid	DI Leach	
880-49076-42	T-4 (5')	Soluble	Solid	DI Leach	
880-49076-43	T-4 (6')	Soluble	Solid	DI Leach	
880-49076-44	T-4 (7')	Soluble	Solid	DI Leach	
880-49076-45	T-4 (8')	Soluble	Solid	DI Leach	
880-49076-46	T-4 (9')	Soluble	Solid	DI Leach	
880-49076-47	T-4 (10')	Soluble	Solid	DI Leach	
880-49076-48	T-4 (11')	Soluble	Solid	DI Leach	
880-49076-49	T-4 (12')	Soluble	Solid	DI Leach	
MB 880-92094/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92094/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92094/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49076-30 MS	T-3 (6')	Soluble	Solid	DI Leach	
880-49076-30 MSD	T-3 (6')	Soluble	Solid	DI Leach	
880-49076-40 MS	T-4 (3')	Soluble	Solid	DI Leach	
880-49076-40 MSD	T-4 (3')	Soluble	Solid	DI Leach	

Leach Batch: 92099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-50	T-5 (0-1')	Soluble	Solid	DI Leach	
880-49076-51	T-5 (1.5')	Soluble	Solid	DI Leach	
880-49076-52	T-5 (2')	Soluble	Solid	DI Leach	
880-49076-53	T-5 (3')	Soluble	Solid	DI Leach	
880-49076-54	T-5 (4')	Soluble	Solid	DI Leach	
880-49076-55	T-5 (5')	Soluble	Solid	DI Leach	
880-49076-56	T-5 (6')	Soluble	Solid	DI Leach	
880-49076-57	T-5 (7')	Soluble	Solid	DI Leach	
880-49076-58	T-5 (8')	Soluble	Solid	DI Leach	
880-49076-59	T-5 (9')	Soluble	Solid	DI Leach	
880-49076-60	T-5 (10')	Soluble	Solid	DI Leach	
880-49076-61	T-5 (11')	Soluble	Solid	DI Leach	
880-49076-62	T-5 (12')	Soluble	Solid	DI Leach	
MB 880-92099/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-92099/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-92099/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49076-50 MS	T-5 (0-1')	Soluble	Solid	DI Leach	
880-49076-50 MSD	T-5 (0-1')	Soluble	Solid	DI Leach	
880-49076-60 MS	T-5 (10')	Soluble	Solid	DI Leach	
880-49076-60 MSD	T-5 (10')	Soluble	Solid	DI Leach	

Analysis Batch: 92157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-1	T-1 (0-1')	Soluble	Solid	300.0	92064
880-49076-2	T-1 (1.5')	Soluble	Solid	300.0	92064
880-49076-3	T-1 (2')	Soluble	Solid	300.0	92064
880-49076-4	T-1 (3')	Soluble	Solid	300.0	92064
880-49076-5	T-1 (4')	Soluble	Solid	300.0	92064
880-49076-6	T-1 (5')	Soluble	Solid	300.0	92064
880-49076-7	T-1 (6')	Soluble	Solid	300.0	92064
880-49076-8	T-1 (7')	Soluble	Solid	300.0	92064

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 92157 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-9	T-1 (8')	Soluble	Solid	300.0	92064
MB 880-92064/1-A	Method Blank	Soluble	Solid	300.0	92064
LCS 880-92064/2-A	Lab Control Sample	Soluble	Solid	300.0	92064
LCSD 880-92064/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92064
880-49075-A-1-C MS	Matrix Spike	Soluble	Solid	300.0	92064
880-49075-A-1-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	92064

Analysis Batch: 92159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-10	T-1 (9')	Soluble	Solid	300.0	92081
880-49076-11	T-2 (0-1')	Soluble	Solid	300.0	92081
880-49076-12	T-2 (1.5')	Soluble	Solid	300.0	92081
880-49076-13	T-2 (2')	Soluble	Solid	300.0	92081
880-49076-14	T-2 (3')	Soluble	Solid	300.0	92081
880-49076-15	T-2 (4')	Soluble	Solid	300.0	92081
880-49076-16	T-2 (5')	Soluble	Solid	300.0	92081
880-49076-17	T-2 (6')	Soluble	Solid	300.0	92081
880-49076-18	T-2 (7')	Soluble	Solid	300.0	92081
880-49076-19	T-2 (8')	Soluble	Solid	300.0	92081
880-49076-20	T-2 (9')	Soluble	Solid	300.0	92081
880-49076-21	T-2 (10')	Soluble	Solid	300.0	92081
880-49076-22	T-2 (11')	Soluble	Solid	300.0	92081
880-49076-23	T-2 (12')	Soluble	Solid	300.0	92081
880-49076-24	T-3 (0-1')	Soluble	Solid	300.0	92081
880-49076-25	T-3 (1.5')	Soluble	Solid	300.0	92081
880-49076-26	T-3 (2')	Soluble	Solid	300.0	92081
880-49076-27	T-3 (3')	Soluble	Solid	300.0	92081
880-49076-28	T-3 (4')	Soluble	Solid	300.0	92081
880-49076-29	T-3 (5')	Soluble	Solid	300.0	92081
MB 880-92081/1-A	Method Blank	Soluble	Solid	300.0	92081
LCS 880-92081/2-A	Lab Control Sample	Soluble	Solid	300.0	92081
LCSD 880-92081/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92081
880-49076-10 MS	T-1 (9')	Soluble	Solid	300.0	92081
880-49076-10 MSD	T-1 (9')	Soluble	Solid	300.0	92081
880-49076-20 MS	T-2 (9')	Soluble	Solid	300.0	92081
880-49076-20 MSD	T-2 (9')	Soluble	Solid	300.0	92081

Analysis Batch: 92160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-30	T-3 (6')	Soluble	Solid	300.0	92094
880-49076-31	T-3 (7')	Soluble	Solid	300.0	92094
880-49076-32	T-3 (8')	Soluble	Solid	300.0	92094
880-49076-33	T-3 (9')	Soluble	Solid	300.0	92094
880-49076-34	T-3 (10')	Soluble	Solid	300.0	92094
880-49076-35	T-3 (11')	Soluble	Solid	300.0	92094
880-49076-36	T-3 (12')	Soluble	Solid	300.0	92094
880-49076-37	T-4 (0-1')	Soluble	Solid	300.0	92094
880-49076-38	T-4 (1.5')	Soluble	Solid	300.0	92094
880-49076-39	T-4 (2')	Soluble	Solid	300.0	92094
880-49076-40	T-4 (3')	Soluble	Solid	300.0	92094
880-49076-41	T-4 (4')	Soluble	Solid	300.0	92094

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

HPLC/IC (Continued)

Analysis Batch: 92160 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-42	T-4 (5')	Soluble	Solid	300.0	92094
880-49076-43	T-4 (6')	Soluble	Solid	300.0	92094
880-49076-44	T-4 (7')	Soluble	Solid	300.0	92094
880-49076-45	T-4 (8')	Soluble	Solid	300.0	92094
880-49076-46	T-4 (9')	Soluble	Solid	300.0	92094
880-49076-47	T-4 (10')	Soluble	Solid	300.0	92094
880-49076-48	T-4 (11')	Soluble	Solid	300.0	92094
880-49076-49	T-4 (12')	Soluble	Solid	300.0	92094
MB 880-92094/1-A	Method Blank	Soluble	Solid	300.0	92094
LCS 880-92094/2-A	Lab Control Sample	Soluble	Solid	300.0	92094
LCSD 880-92094/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92094
880-49076-30 MS	T-3 (6')	Soluble	Solid	300.0	92094
880-49076-30 MSD	T-3 (6')	Soluble	Solid	300.0	92094
880-49076-40 MS	T-4 (3')	Soluble	Solid	300.0	92094
880-49076-40 MSD	T-4 (3')	Soluble	Solid	300.0	92094

Analysis Batch: 92161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49076-50	T-5 (0-1')	Soluble	Solid	300.0	92099
880-49076-51	T-5 (1.5')	Soluble	Solid	300.0	92099
880-49076-52	T-5 (2')	Soluble	Solid	300.0	92099
880-49076-53	T-5 (3')	Soluble	Solid	300.0	92099
880-49076-54	T-5 (4')	Soluble	Solid	300.0	92099
880-49076-55	T-5 (5')	Soluble	Solid	300.0	92099
880-49076-56	T-5 (6')	Soluble	Solid	300.0	92099
880-49076-57	T-5 (7')	Soluble	Solid	300.0	92099
880-49076-58	T-5 (8')	Soluble	Solid	300.0	92099
880-49076-59	T-5 (9')	Soluble	Solid	300.0	92099
880-49076-60	T-5 (10')	Soluble	Solid	300.0	92099
880-49076-61	T-5 (11')	Soluble	Solid	300.0	92099
880-49076-62	T-5 (12')	Soluble	Solid	300.0	92099
MB 880-92099/1-A	Method Blank	Soluble	Solid	300.0	92099
LCS 880-92099/2-A	Lab Control Sample	Soluble	Solid	300.0	92099
LCSD 880-92099/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	92099
880-49076-50 MS	T-5 (0-1')	Soluble	Solid	300.0	92099
880-49076-50 MSD	T-5 (0-1')	Soluble	Solid	300.0	92099
880-49076-60 MS	T-5 (10')	Soluble	Solid	300.0	92099
880-49076-60 MSD	T-5 (10')	Soluble	Solid	300.0	92099

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (0-1')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-1
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 22:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 22:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 17:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 17:22	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	92157	10/01/24 17:45	CH	EET MID

Client Sample ID: T-1 (1.5')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-2
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 22:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 22:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 18:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 18:07	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	92157	10/01/24 17:51	CH	EET MID

Client Sample ID: T-1 (2')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-3
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 22:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 18:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 18:23	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	92157	10/01/24 18:10	CH	EET MID

Client Sample ID: T-1 (3')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-4
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 23:19	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (3')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-4
Matrix: Solid

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			92269	09/30/24 18:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	92157	10/01/24 18:17	CH	EET MID

Client Sample ID: T-1 (4')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-5
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/27/24 23:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 23:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 18:53	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	92157	10/01/24 18:23	CH	EET MID

Client Sample ID: T-1 (5')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-6
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			4.97 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 00:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 19:08	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92157	10/01/24 18:30	CH	EET MID

Client Sample ID: T-1 (6')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-7
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			4.97 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 00:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 19:23	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-1 (6')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-7
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			5.04 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92157	10/01/24 18:36	CH	EET MID

Client Sample ID: T-1 (7')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-8
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			5.01 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 00:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 00:41	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 19:38	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92157	10/01/24 18:42	CH	EET MID

Client Sample ID: T-1 (8')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-9
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			5.00 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 01:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 19:53	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92064	09/30/24 09:17	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	92157	10/01/24 18:49	CH	EET MID

Client Sample ID: T-1 (9')
Date Collected: 09/23/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-10
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 01:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 01:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 20:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 20:07	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		1			92159	10/01/24 04:41	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (0-1')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-11
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			4.97 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 02:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 02:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 20:37	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		20			92159	10/01/24 04:58	CH	EET MID

Client Sample ID: T-2 (1.5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-12
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 03:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 03:07	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 20:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 20:52	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 05:03	CH	EET MID

Client Sample ID: T-2 (2')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-13
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			4.95 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 03:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 03:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 21:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 05:08	CH	EET MID

Client Sample ID: T-2 (3')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-14
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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 03:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 03:48	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (3')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-14
Matrix: Solid

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			92269	09/30/24 21:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 21:21	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 05:14	CH	EET MID

Client Sample ID: T-2 (4')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-15
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			5.00 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 04:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 04:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 21:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 21:36	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 05:30	CH	EET MID

Client Sample ID: T-2 (5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-16
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			4.97 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 04:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 04:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 21:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 21:50	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 05:35	CH	EET MID

Client Sample ID: T-2 (6')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-17
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			5.02 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 04:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 04:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 22:06	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (6')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-17

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			5.04 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 05:41	CH	EET MID

Client Sample ID: T-2 (7')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-18

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	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 05:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 05:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 05:46	CH	EET MID

Client Sample ID: T-2 (8')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-19

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			4.99 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 05:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 05:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 22:35	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 05:52	CH	EET MID

Client Sample ID: T-2 (9')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-20

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			5.02 g	5 mL	91959	09/27/24 15:22	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91883	09/28/24 05:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 05:51	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91957	09/27/24 15:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	09/30/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 05:57	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-2 (10')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-21
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 11:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 11:23	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 00:48	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		5			92159	10/01/24 06:13	CH	EET MID

Client Sample ID: T-2 (11')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-22
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 11:43	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 01:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 01:32	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 06:18	CH	EET MID

Client Sample ID: T-2 (12')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-23
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 12:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 12:03	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 01:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 01:48	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		1			92159	10/01/24 06:35	CH	EET MID

Client Sample ID: T-3 (0-1')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-24
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 12:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 12:24	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-49076-24

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			92269	10/01/24 02:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 02:02	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		20			92159	10/01/24 06:40	CH	EET MID

Client Sample ID: T-3 (1.5')

Lab Sample ID: 880-49076-25

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 12:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 12:44	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 02:19	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 02:19	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		20			92159	10/01/24 06:45	CH	EET MID

Client Sample ID: T-3 (2')

Lab Sample ID: 880-49076-26

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 13:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 13:05	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 02:33	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 02:33	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 06:51	CH	EET MID

Client Sample ID: T-3 (3')

Lab Sample ID: 880-49076-27

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 13:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 13:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 02:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 02:48	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (3')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-27
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			5.03 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 06:56	CH	EET MID

Client Sample ID: T-3 (4')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-28
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 13:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 13:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 03:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 03:02	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 07:02	CH	EET MID

Client Sample ID: T-3 (5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-29
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			5.00 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 14:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 14:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 03:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 03:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92081	09/30/24 09:37	SA	EET MID
Soluble	Analysis	300.0		10			92159	10/01/24 07:07	CH	EET MID

Client Sample ID: T-3 (6')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-30
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 14:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 14:27	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 03:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 03:32	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		5			92160	10/01/24 03:15	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (7')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-31
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			4.97 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 16:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 16:17	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 04:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 04:02	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		5			92160	10/01/24 03:30	CH	EET MID

Client Sample ID: T-3 (8')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-32
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			4.98 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 16:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 16:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 04:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 04:18	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		5			92160	10/01/24 03:36	CH	EET MID

Client Sample ID: T-3 (9')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-33
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			4.95 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 16:58	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 04:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 04:32	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		5			92160	10/01/24 03:42	CH	EET MID

Client Sample ID: T-3 (10')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-34
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			5.03 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 17:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 17:18	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-3 (10')

Lab Sample ID: 880-49076-34

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			92269	10/01/24 04:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 04:48	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		5			92160	10/01/24 03:49	CH	EET MID

Client Sample ID: T-3 (11')

Lab Sample ID: 880-49076-35

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 17:39	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 05:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 05:02	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		1			92160	10/01/24 14:40	CH	EET MID

Client Sample ID: T-3 (12')

Lab Sample ID: 880-49076-36

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 17:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 17:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 05:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 05:18	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		1			92160	10/01/24 04:14	CH	EET MID

Client Sample ID: T-4 (0-1')

Lab Sample ID: 880-49076-37

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 18:20	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 05:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 05:32	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (0-1')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-37
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			5.01 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		20			92160	10/01/24 04:21	CH	EET MID

Client Sample ID: T-4 (1.5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-38
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	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 18:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 05:47	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 05:47	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		20			92160	10/01/24 04:27	CH	EET MID

Client Sample ID: T-4 (2')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-39
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			4.99 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 19:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 19:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 06:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 06:01	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		20			92160	10/01/24 04:34	CH	EET MID

Client Sample ID: T-4 (3')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-40
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			5.02 g	5 mL	91961	09/27/24 15:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91882	09/28/24 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 19:21	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 06:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91958	09/27/24 15:20	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92179	10/01/24 06:16	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10	0 mL	1.0 mL	92160	10/01/24 04:40	CH	EET MID

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (4')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-41
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 03:26	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 17:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 17:22	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10			92160	10/01/24 04:59	CH	EET MID

Client Sample ID: T-4 (5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-42
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 03:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 03:46	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 18:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 18:07	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10			92160	10/01/24 05:05	CH	EET MID

Client Sample ID: T-4 (6')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-43
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 04:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 04:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 18:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 18:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10			92160	10/01/24 05:25	CH	EET MID

Client Sample ID: T-4 (7')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-44
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 04:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 04:27	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (7')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-44

Matrix: Solid

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			92269	09/30/24 18:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 18:38	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10			92160	10/01/24 16:03	CH	EET MID

Client Sample ID: T-4 (8')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-45

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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 04:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 04:47	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 18:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 18:53	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10			92160	10/01/24 05:37	CH	EET MID

Client Sample ID: T-4 (9')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-46

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			4.97 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 05:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 05:08	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 19:08	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		5			92160	10/01/24 05:44	CH	EET MID

Client Sample ID: T-4 (10')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-47

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			4.97 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 05:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 05:28	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 19:23	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-4 (10')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-47

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			5.03 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		10	0 mL	1.0 mL	92160	10/01/24 05:50	CH	EET MID

Client Sample ID: T-4 (11')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-48

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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 05:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 05:49	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 19:38	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		1			92160	10/01/24 05:57	CH	EET MID

Client Sample ID: T-4 (12')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-49

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			5.00 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 06:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 06:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 19:53	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 19:53	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92094	09/30/24 10:07	SA	EET MID
Soluble	Analysis	300.0		1			92160	10/01/24 06:03	CH	EET MID

Client Sample ID: T-5 (0-1')

Date Collected: 09/24/24 00:00

Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-50

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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 06:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 06:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 20:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 20:07	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		20			92161	10/01/24 10:38	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (1.5')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-51
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			4.97 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 07:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 07:52	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 20:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 20:37	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		10			92161	10/01/24 10:54	CH	EET MID

Client Sample ID: T-5 (2')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-52
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 08:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 08:13	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 20:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 20:52	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		10			92161	10/01/24 11:00	CH	EET MID

Client Sample ID: T-5 (3')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-53
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			4.95 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 08:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 08:33	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 21:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 21:06	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		10			92161	10/01/24 11:05	CH	EET MID

Client Sample ID: T-5 (4')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-54
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 08:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 08:54	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (4')

Lab Sample ID: 880-49076-54

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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			92269	09/30/24 21:21	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 21:21	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 11:11	CH	EET MID

Client Sample ID: T-5 (5')

Lab Sample ID: 880-49076-55

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 09:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 09:14	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 21:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 21:36	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 11:27	CH	EET MID

Client Sample ID: T-5 (6')

Lab Sample ID: 880-49076-56

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 09:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 09:35	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 21:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 21:50	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 11:32	CH	EET MID

Client Sample ID: T-5 (7')

Lab Sample ID: 880-49076-57

Date Collected: 09/24/24 00:00

Matrix: Solid

Date Received: 09/27/24 13:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 09:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 09:55	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:06	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 22:06	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (7')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-57
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			5.03 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 11:38	CH	EET MID

Client Sample ID: T-5 (8')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-58
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	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 10:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 10:16	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 22:20	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 11:43	CH	EET MID

Client Sample ID: T-5 (9')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-59
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			4.99 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 10:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 10:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 22:35	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 11:49	CH	EET MID

Client Sample ID: T-5 (10')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-60
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			5.02 g	5 mL	91962	09/27/24 15:26	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/28/24 10:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/28/24 10:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	09/30/24 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	91960	09/27/24 15:22	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	09/30/24 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5	0 mL	1.0 mL	92161	10/01/24 11:54	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Client Sample ID: T-5 (11')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-61
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			4.99 g	5 mL	91902	09/27/24 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/27/24 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 19:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 00:48	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	91963	09/27/24 15:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	10/01/24 00:48	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		5			92161	10/01/24 12:10	CH	EET MID

Client Sample ID: T-5 (12')
Date Collected: 09/24/24 00:00
Date Received: 09/27/24 13:05

Lab Sample ID: 880-49076-62
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			5.02 g	5 mL	91902	09/27/24 15:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	91815	09/27/24 19:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			92122	09/27/24 19:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			92269	10/01/24 01:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	91963	09/27/24 15:27	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	92182	10/01/24 01:32	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	92099	09/30/24 10:36	SA	EET MID
Soluble	Analysis	300.0		1			92161	10/01/24 12:16	CH	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: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49076-1	T-1 (0-1')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-2	T-1 (1.5')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-3	T-1 (2')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-4	T-1 (3')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-5	T-1 (4')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-6	T-1 (5')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-7	T-1 (6')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-8	T-1 (7')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-9	T-1 (8')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-10	T-1 (9')	Solid	09/23/24 00:00	09/27/24 13:05
880-49076-11	T-2 (0-1')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-12	T-2 (1.5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-13	T-2 (2')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-14	T-2 (3')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-15	T-2 (4')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-16	T-2 (5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-17	T-2 (6')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-18	T-2 (7')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-19	T-2 (8')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-20	T-2 (9')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-21	T-2 (10')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-22	T-2 (11')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-23	T-2 (12')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-24	T-3 (0-1')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-25	T-3 (1.5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-26	T-3 (2')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-27	T-3 (3')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-28	T-3 (4')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-29	T-3 (5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-30	T-3 (6')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-31	T-3 (7')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-32	T-3 (8')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-33	T-3 (9')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-34	T-3 (10')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-35	T-3 (11')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-36	T-3 (12')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-37	T-4 (0-1')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-38	T-4 (1.5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-39	T-4 (2')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-40	T-4 (3')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-41	T-4 (4')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-42	T-4 (5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-43	T-4 (6')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-44	T-4 (7')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-45	T-4 (8')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-46	T-4 (9')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-47	T-4 (10')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-48	T-4 (11')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-49	T-4 (12')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-50	T-5 (0-1')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-51	T-5 (1.5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-52	T-5 (2')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-53	T-5 (3')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-54	T-5 (4')	Solid	09/24/24 00:00	09/27/24 13:05

Sample Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-49076-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49076-55	T-5 (5')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-56	T-5 (6')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-57	T-5 (7')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-58	T-5 (8')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-59	T-5 (9')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-60	T-5 (10')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-61	T-5 (11')	Solid	09/24/24 00:00	09/27/24 13:05
880-49076-62	T-5 (12')	Solid	09/24/24 00:00	09/27/24 13:05

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880-49076 Chain of Custody

Chain of Custody

Page 1 of 7

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

Project Name: Cedar Transfer Line		Turn Around		Pres. Code	
Project Number: 2484		☒ Routine ☐ Rush			
Project Location: Eddy Co, NM		Due Date:			
Sampler's Name: CCM					
PO #:					

SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No	
Received Intact:		Yes No		Thermometer ID:		Correction Factor:		Temperature Reading:	
Cooler Custody Seals:		Yes No		N/A		Temperature Reading:		Corrected Temperature:	
Sample Custody Seals:		Yes No		N/A		Temperature Reading:		Corrected Temperature:	
Total Containers:									

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST										Preservative Codes
T-1 (0-1')	9/23/2024		X		G	1	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0										None: NO	DI Water: H ₂ O	
T-1 (1.5')	9/23/2024		X		G	1												Cod: Cod	MeOH: Me
T-1 (2')	9/23/2024		X		G	1												HCL: HC	HNO ₃ : HN
T-1 (3')	9/23/2024		X		G	1												H ₂ SO ₄ : H ₂	NaOH: Na
T-1 (4')	9/23/2024		X		G	1												H ₃ PO ₄ : HP	
T-1 (5')	9/23/2024		X		G	1												NaHSO ₄ : NABIS	
T-1 (6')	9/23/2024		X		G	1												Na ₂ S ₂ O ₃ : NaSO ₃	
T-1 (7')	9/23/2024		X		G	1												Zn Acetate+NaOH: Zn	
T-1 (8')	9/23/2024		X		G	1												NaOH+Ascorbic Acid: SAPC	
T-1 (9')	9/23/2024		X		G	1													

Comments:	
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Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<i>Conner Moehring</i>		9/27/24		<i>[Signature]</i>		130 Sept 27/24	

Chain of Custody

Work Order No: 44076

Page 2 of 7

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

Project Name: Cedar Transfer Line		Turn Around	
Project Number: 2484		☒ Routine	☐ Rush
Project Location: Eddy Co, NM		Due Date:	Standard
Sampler's Name: CCM			
PO #:			

ANALYSIS REQUEST										Preservative Codes			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 300.0	None: NO	DI Water: H ₂ O
T-2 (0-1')	9/24/2024		X		G	1			X	X	X	None: NO	DI Water: H ₂ O
T-2 (1.5')	9/24/2024		X		G	1			X	X	X	Cool: Cool	MeOH: Me
T-2 (2')	9/24/2024		X		G	1			X	X	X	HCL: HC	HNO ₃ : HN
T-2 (3')	9/24/2024		X		G	1			X	X	X	H ₂ SO ₄ : H ₂	NaOH: Na
T-2 (4')	9/24/2024		X		G	1			X	X	X	H ₃ PO ₄ : HP	
T-2 (5')	9/24/2024		X		G	1			X	X	X	NaHSO ₄ : NABIS	
T-2 (6')	9/24/2024		X		G	1			X	X	X	Na ₂ S ₂ O ₃ : NaSO ₃	
T-2 (7')	9/24/2024		X		G	1			X	X	X	Zn Acetate+NaOH: Zn	
T-2 (8')	9/24/2024		X		G	1			X	X	X	NaOH+Ascorbic Acid: SACP	
T-2 (9')	9/24/2024		X		G	1			X	X	X		

Comments:

Relinquished by: (Signature)		Date/Time	
<i>Conner Moehring</i>		9/27/24	
Received by: (Signature)		Date/Time	
<i>[Signature]</i>		9/17	

Revised Date 05/12/2020 Rev. 2020.1

Chain of Custody

Work Order No: 49076

Page 3 of 7

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

Project Name: Cedar Transfer Line		Turn Around		ANALYSIS REQUEST		Preservative Codes	
Project Number: 2484		☒ Routine	☐ Rush			None: NO	DI Water: H ₂ O
Project Location: Eddy Co, NM		Due Date:	Standard			Cool: Cool	MeOH: Me
Sampler's Name: CCM						HCL: HC	HNO ₃ : HN
PO #:						H ₂ SO ₄ : H ₂	NaOH: Na

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	Parameters	# of Cont
T-2 (10')	9/24/2024		X		G	1	1
T-2 (11')	9/24/2024		X		G	1	1
T-2 (12')	9/24/2024		X		G	1	1
T-3 (0-1')	9/24/2024		X		G	1	1
T-3 (1.5')	9/24/2024		X		G	1	1
T-3 (2')	9/24/2024		X		G	1	1
T-3 (3')	9/24/2024		X		G	1	1
T-3 (4')	9/24/2024		X		G	1	1
T-3 (5')	9/24/2024		X		G	1	1
T-3 (6')	9/24/2024		X		G	1	1

Comments:	
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Relinquished by: (Signature)		Date/Time	
<i>Conner Moehring</i>		09/27/24	
Received by: (Signature)		Date/Time	
<i>[Signature]</i>		9/27	

Revised Date 06/12/2020 Rev. 2020.1

Chain of Custody

Work Order No: 49674Page 4 of 7

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

Project Name: Cedar Transfer Line										Turn Around										ANALYSIS REQUEST										Preservative Codes									
Project Number: 2484										☒ Routine ☐ Rush										Pres. Code										None: NO DI Water: H ₂ O									
Project Location: Eddy Co, NM										Due Date:										Standard										Cod: Cod MeOH: Me									
Sampler's Name: CCM																														HCL: HC HNO ₃ : HN									
PO #:																														H ₂ SO ₄ : H ₂									
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: SACP									

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code
T-3 (7')	9/24/2024		X		G	1	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0	
T-3 (8')	9/24/2024		X		G	1		
T-3 (9')	9/24/2024		X		G	1		
T-3 (10')	9/24/2024		X		G	1		
T-3 (11')	9/24/2024		X		G	1		
T-3 (12')	9/24/2024		X		G	1		
T-4 (0-1')	9/24/2024		X		G	1		
T-4 (1.5')	9/24/2024		X		G	1		
T-4 (2')	9/24/2024		X		G	1		
T-4 (3')	9/24/2024		X		G	1		

Comments:

Relinquished by: (Signature) <i>Conner Moehring</i>		Date/Time <u>09/27/24</u>	
Received by: (Signature) <i>[Signature]</i>		Date/Time <u>9/27</u>	

Revised Date 06/12/2020 Rev. 2020.1

Chain of Custody

Work Order No: 49076Page 5 of 7

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

Project Name: Cedar Transfer Line		Turn Around		ANALYSIS REQUEST		Preservative Codes	
Project Number: 2484		☒ Routine ☐ Rush				None: NO DI Water: H ₂ O	
Project Location: Eddy Co, NM		Due Date:				Cool: Cool MeOH: Me	
Sampler's Name: CCM						HCL: HC HNO ₃ : HN	
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na	

SAMPLE RECEIPT		Temp Blank:		Yes		No	
Received Intact:		Yes		No		Thermometer ID:	
Cooler Custody Seals:		Yes		No		Correction Factor:	
Sample Custody Seals:		Yes		No		Temperature Reading:	
Total Containers:						Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code
T-4 (4')	9/24/2024		X		G	1	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 300.0	
T-4 (5')	9/24/2024		X		G	1		
T-4 (6')	9/24/2024		X		G	1		
T-4 (7')	9/24/2024		X		G	1		
T-4 (8')	9/24/2024		X		G	1		
T-4 (9')	9/24/2024		X		G	1		
T-4 (10')	9/24/2024		X		G	1		
T-4 (11')	9/24/2024		X		G	1		
T-4 (12')	9/24/2024		X		G	1		
T-5 (0-1')	9/24/2024		X		G	1		

Comments:	

Relinquished by: (Signature) 		Date/Time <u>09/27/24</u>		Received by: (Signature) 		Date/Time <u>9/27</u>	
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Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund	
State of Project: ☐ Level III ☐ Level II ☐ PST/US ☐ TRR ☐ Level I ☐	
Reporting: ☐ Level III ☐ Level II ☐ PST/US ☐ TRR ☐ Level I ☐	
Deliverables: ☐ EDD ☐ ADaPT ☐ Other:	

Chain of Custody

Work Order No: U91074Page 6 of 7

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

Project Name: Cedar Transfer Line		Turn Around		ANALYSIS REQUEST		Preservative Codes	
Project Number: 2484		☒ Routine ☐ Rush				None: NO DI Water: H ₂ O	
Project Location: Eddy Co, NM		Due Date:				Cool: Cool MeOH: Me	
Sampler's Name: CCM						HCL: HC HNO ₃ : HN	
PO #:						H ₂ SO ₄ : H ₂ NaOH: Na	

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	Parameters	Pres. Code
T-5 (1.5')	9/24/2024		X		G	1		
T-5 (2')	9/24/2024		X		G	1		
T-5 (3')	9/24/2024		X		G	1		
T-5 (4')	9/24/2024		X		G	1		
T-5 (5')	9/24/2024		X		G	1		
T-5 (6')	9/24/2024		X		G	1		
T-5 (7')	9/24/2024		X		G	1		
T-5 (8')	9/24/2024		X		G	1		
T-5 (9')	9/24/2024		X		G	1		
T-5 (10')	9/24/2024		X		G	1		

Comments:		Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		<i>Conner Moehring</i>		09/27/24		<i>[Signature]</i>		9/27	

Work Order Comments		Program: ☐ PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:		Reporting: Level III ☐ Level II ☐ PST/US ☐ TRR ☐ Level I ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-49076-1

SDG Number: Eddy Co, NM

Login Number: 49076

List Source: Eurofins Midland

List Number: 1

Creator: Rodriguez, Leticia

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: Conner Moehring
Carmona Resources
310 W Wall St
Ste 500
Midland, Texas 79701

Generated 8/22/2024 11:29:52 AM

JOB DESCRIPTION

Cedar Transfer Line
Eddy Co, NM

JOB NUMBER

880-47336-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/22/2024 11:29:52 AM

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

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Laboratory Job ID: 880-47336-1
SDG: Eddy Co, NM

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Definitions/Glossary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project: Cedar Transfer Line

Job ID: 880-47336-1

Job ID: 880-47336-1

Eurofins Midland

Job Narrative 880-47336-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 8/16/2024 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-47336-1), H-2 (0-0.5') (880-47336-2), H-3 (0-0.5') (880-47336-3), H-4 (0-0.5') (880-47336-4), H-5 (0-0.5') (880-47336-5), H-6 (0-0.5') (880-47336-6) and H-7 (0-0.5') (880-47336-7).

GC VOA

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-88762 and analytical batch 880-88760 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-88672 and analytical batch 880-88780 was outside the upper control limits.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-88785 and analytical batch 880-88780 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-88785 and analytical batch 880-88780 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 surrogate recovery for the blank associated with preparation batch 880-89068 and analytical batch 880-89062 was outside the control limits.

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

HPLC/IC

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

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-47336-1

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/17/24 11:23	08/18/24 06:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 06:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 06:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 06:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 06:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 06:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				08/17/24 11:23	08/18/24 06:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/17/24 11:23	08/18/24 06:58	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			08/18/24 06:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			08/21/24 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 16:09	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 16:09	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 16:09	1
Total TPH	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 16:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/21/24 15:17	08/21/24 16:09	1
o-Terphenyl	88		70 - 130				08/21/24 15:17	08/21/24 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.9		5.02		mg/Kg			08/21/24 05:38	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-47336-2

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/17/24 11:23	08/18/24 07:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:18	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 07:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 07:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				08/17/24 11:23	08/18/24 07:18	1
1,4-Difluorobenzene (Surr)	100		70 - 130				08/17/24 11:23	08/18/24 07:18	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-47336-2

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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			08/18/24 07:18	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			08/21/24 16:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/21/24 15:17	08/21/24 16:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/21/24 15:17	08/21/24 16:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/21/24 15:17	08/21/24 16:43	1
Total TPH	<49.9	U	49.9		mg/Kg		08/21/24 15:17	08/21/24 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/21/24 15:17	08/21/24 16:43	1
o-Terphenyl	101		70 - 130	08/21/24 15:17	08/21/24 16:43	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.05		mg/Kg			08/21/24 06:01	1

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-47336-3

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/17/24 11:23	08/18/24 07:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 07:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 07:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/17/24 11:23	08/18/24 07:38	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/17/24 11:23	08/18/24 07:38	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			08/18/24 07:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/21/24 17:01	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	<49.7	U	49.7		mg/Kg		08/21/24 15:17	08/21/24 17:01	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-47336-3

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/21/24 15:17	08/21/24 17:01	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/21/24 15:17	08/21/24 17:01	1
Total TPH	<49.7	U	49.7		mg/Kg		08/21/24 15:17	08/21/24 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	08/21/24 15:17	08/21/24 17:01	1
o-Terphenyl	87		70 - 130	08/21/24 15:17	08/21/24 17:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.5		5.05		mg/Kg			08/21/24 06:08	1

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-47336-4

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/17/24 11:23	08/18/24 07:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 07:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/17/24 11:23	08/18/24 07:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/17/24 11:23	08/18/24 07:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/17/24 11:23	08/18/24 07:59	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/17/24 11:23	08/18/24 07:59	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			08/18/24 07:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/21/24 17:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:18	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:18	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:18	1
Total TPH	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	08/21/24 15:17	08/21/24 17:18	1
o-Terphenyl	85		70 - 130	08/21/24 15:17	08/21/24 17:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-47336-4

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.1		5.03		mg/Kg			08/21/24 06:16	1

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-47336-5

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/17/24 11:23	08/18/24 08:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/17/24 11:23	08/18/24 08:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/17/24 11:23	08/18/24 08:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/17/24 11:23	08/18/24 08:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/17/24 11:23	08/18/24 08:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/17/24 11:23	08/18/24 08:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	08/17/24 11:23	08/18/24 08:19	1
1,4-Difluorobenzene (Surr)	101		70 - 130	08/17/24 11:23	08/18/24 08:19	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			08/18/24 08:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/21/24 17:35	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	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:35	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:35	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:35	1
Total TPH	<49.6	U	49.6		mg/Kg		08/21/24 15:17	08/21/24 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	08/21/24 15:17	08/21/24 17:35	1
o-Terphenyl	88		70 - 130	08/21/24 15:17	08/21/24 17:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.8		4.97		mg/Kg			08/21/24 06:23	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-47336-6

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 08:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/19/24 09:27	08/20/24 08:03	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-47336-6

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/19/24 09:27	08/20/24 08:03	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/19/24 09:27	08/20/24 08:03	1
o-Xylene	<0.00199	U *	0.00199		mg/Kg		08/19/24 09:27	08/20/24 08:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/19/24 09:27	08/20/24 08:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				08/19/24 09:27	08/20/24 08:03	1
1,4-Difluorobenzene (Surr)	128		70 - 130				08/19/24 09:27	08/20/24 08:03	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			08/20/24 08:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/21/24 17:52	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	<50.2	U	50.2		mg/Kg		08/21/24 15:17	08/21/24 17:52	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/21/24 15:17	08/21/24 17:52	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/21/24 15:17	08/21/24 17:52	1
Total TPH	<50.2	U	50.2		mg/Kg		08/21/24 15:17	08/21/24 17:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/21/24 15:17	08/21/24 17:52	1
o-Terphenyl	95		70 - 130				08/21/24 15:17	08/21/24 17:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		5.00		mg/Kg			08/21/24 06:46	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-47336-7

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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		08/19/24 09:27	08/20/24 08:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/19/24 09:27	08/20/24 08:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/19/24 09:27	08/20/24 08:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/19/24 09:27	08/20/24 08:23	1
o-Xylene	<0.00198	U *	0.00198		mg/Kg		08/19/24 09:27	08/20/24 08:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/19/24 09:27	08/20/24 08:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				08/19/24 09:27	08/20/24 08:23	1
1,4-Difluorobenzene (Surr)	119		70 - 130				08/19/24 09:27	08/20/24 08:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-7 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47336-7
Matrix: Solid

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			08/20/24 08:23	1	
Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<50.5	U	50.5		mg/Kg			08/21/24 18:09	1	
Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 18:09	1	
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 18:09	1	
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 18:09	1	
Total TPH	<50.5	U	50.5		mg/Kg		08/21/24 15:17	08/21/24 18:09	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane	81		70 - 130				08/21/24 15:17	08/21/24 18:09	1	
o-Terphenyl	86		70 - 130				08/21/24 15:17	08/21/24 18:09	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	102		4.98		mg/Kg			08/21/24 06:53	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

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)
880-47334-A-1-B MS	Matrix Spike	98	102
880-47334-A-1-C MSD	Matrix Spike Duplicate	101	102
880-47336-1	H-1 (0-0.5')	115	100
880-47336-2	H-2 (0-0.5')	117	100
880-47336-3	H-3 (0-0.5')	115	100
880-47336-4	H-4 (0-0.5')	112	101
880-47336-5	H-5 (0-0.5')	112	101
880-47336-6	H-6 (0-0.5')	124	128
880-47336-7	H-7 (0-0.5')	125	119
880-47337-A-1-B MS	Matrix Spike	102	106
880-47337-A-1-C MSD	Matrix Spike Duplicate	108	104
LCS 880-88762/1-A	Lab Control Sample	95	103
LCS 880-88785/1-A	Lab Control Sample	100	98
LCSD 880-88762/2-A	Lab Control Sample Dup	103	102
LCSD 880-88785/2-A	Lab Control Sample Dup	97	101
MB 880-88633/5-A	Method Blank	102	91
MB 880-88672/5-A	Method Blank	185 S1+	130
MB 880-88762/5-A	Method Blank	102	90
MB 880-88785/5-A	Method Blank	196 S1+	129
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)
880-47336-1	H-1 (0-0.5')	82	88
880-47336-2	H-2 (0-0.5')	97	101
880-47336-3	H-3 (0-0.5')	82	87
880-47336-4	H-4 (0-0.5')	80	85
880-47336-5	H-5 (0-0.5')	83	88
880-47336-6	H-6 (0-0.5')	91	95
880-47336-7	H-7 (0-0.5')	81	86
890-7020-A-41-D MS	Matrix Spike	93	95
890-7020-A-41-E MSD	Matrix Spike Duplicate	92	94
LCS 880-89068/2-A	Lab Control Sample	85	93
LCSD 880-89068/3-A	Lab Control Sample Dup	76	84
MB 880-89068/1-A	Method Blank	63 S1-	71
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-88633/5-A

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88633

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/24 11:24	08/17/24 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/24 11:24	08/17/24 13:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/24 11:24	08/17/24 13:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/24 11:24	08/17/24 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/24 11:24	08/17/24 13:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/24 11:24	08/17/24 13:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/16/24 11:24	08/17/24 13:51	1
1,4-Difluorobenzene (Surr)	91		70 - 130	08/16/24 11:24	08/17/24 13:51	1

Lab Sample ID: MB 880-88672/5-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88672

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/16/24 13:55	08/19/24 12:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/16/24 13:55	08/19/24 12:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130	08/16/24 13:55	08/19/24 12:14	1
1,4-Difluorobenzene (Surr)	130		70 - 130	08/16/24 13:55	08/19/24 12:14	1

Lab Sample ID: MB 880-88762/5-A

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/17/24 11:23	08/18/24 00:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/17/24 11:23	08/18/24 00:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/17/24 11:23	08/18/24 00:27	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/17/24 11:23	08/18/24 00:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/17/24 11:23	08/18/24 00:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/17/24 11:23	08/18/24 00:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	08/17/24 11:23	08/18/24 00:27	1
1,4-Difluorobenzene (Surr)	90		70 - 130	08/17/24 11:23	08/18/24 00:27	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-88762/1-A

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 88762

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1085		mg/Kg		108	70 - 130
Toluene	0.100	0.1014		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1035		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2085		mg/Kg		104	70 - 130
o-Xylene	0.100	0.1074		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-88762/2-A

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 88762

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1068		mg/Kg		107	70 - 130	2	35
Toluene	0.100	0.09858		mg/Kg		99	70 - 130	3	35
Ethylbenzene	0.100	0.1002		mg/Kg		100	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2018		mg/Kg		101	70 - 130	3	35
o-Xylene	0.100	0.1042		mg/Kg		104	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-47334-A-1-B MS

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 88762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.07741		mg/Kg		78	70 - 130
Toluene	<0.00199	U F1	0.0996	0.06833	F1	mg/Kg		69	70 - 130
Ethylbenzene	<0.00199	U F1	0.0996	0.06910	F1	mg/Kg		69	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.199	0.1372	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00199	U	0.0996	0.07091		mg/Kg		71	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-47334-A-1-C MSD

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 88762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0990	0.09579		mg/Kg		97	70 - 130	21	35
Toluene	<0.00199	U F1	0.0990	0.08507		mg/Kg		86	70 - 130	22	35
Ethylbenzene	<0.00199	U F1	0.0990	0.08442		mg/Kg		85	70 - 130	20	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

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

Lab Sample ID: 880-47334-A-1-C MSD

Matrix: Solid

Analysis Batch: 88760

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 88762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00398	U F1	0.198	0.1671		mg/Kg		84	70 - 130	20	35
o-Xylene	<0.00199	U	0.0990	0.08498		mg/Kg		86	70 - 130	18	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-88785/5-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 88785

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/19/24 09:27	08/19/24 23:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/19/24 09:27	08/19/24 23:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	S1+	70 - 130	08/19/24 09:27	08/19/24 23:56	1
1,4-Difluorobenzene (Surr)	129		70 - 130	08/19/24 09:27	08/19/24 23:56	1

Lab Sample ID: LCS 880-88785/1-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 88785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1187		mg/Kg		119	70 - 130
Toluene	0.100	0.1114		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1093		mg/Kg		109	70 - 130
m-Xylene & p-Xylene	0.200	0.2330		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1336	*+	mg/Kg		134	70 - 130

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

Lab Sample ID: LCSD 880-88785/2-A

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 88785

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1149		mg/Kg		115	70 - 130	3	35
Toluene	0.100	0.1120		mg/Kg		112	70 - 130	0	35
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130	8	35
o-Xylene	0.100	0.1213		mg/Kg		121	70 - 130	10	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

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

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-47337-A-1-B MS

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 88785

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00200	U	0.100	0.1082		mg/Kg		108	70 - 130	
Toluene	<0.00200	U	0.100	0.09273		mg/Kg		93	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.07729		mg/Kg		77	70 - 130	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1761		mg/Kg		88	70 - 130	
o-Xylene	<0.00200	U *	0.100	0.09825		mg/Kg		98	70 - 130	

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-47337-A-1-C MSD

Matrix: Solid

Analysis Batch: 88780

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 88785

	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	0.09963		mg/Kg		100	70 - 130	8	35	
Toluene	<0.00200	U	0.100	0.08850		mg/Kg		89	70 - 130	5	35	
Ethylbenzene	<0.00200	U	0.100	0.07338		mg/Kg		73	70 - 130	5	35	
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1648		mg/Kg		82	70 - 130	7	35	
o-Xylene	<0.00200	U *	0.100	0.09362		mg/Kg		94	70 - 130	5	35	

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

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

Lab Sample ID: MB 880-89068/1-A

Matrix: Solid

Analysis Batch: 89062

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89068

	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		08/21/24 08:00	08/21/24 09:11	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/21/24 08:00	08/21/24 09:11	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/21/24 08:00	08/21/24 09:11	1	
Total TPH	<50.0	U	50.0		mg/Kg		08/21/24 08:00	08/21/24 09:11	1	

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil	Fac			
1-Chlorooctane	63	S1-	70 - 130	08/21/24 08:00	08/21/24 09:11	1				
o-Terphenyl	71		70 - 130	08/21/24 08:00	08/21/24 09:11	1				

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

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

Lab Sample ID: LCS 880-89068/2-A

Matrix: Solid

Analysis Batch: 89062

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89068

Analyte			Spike	LCS	LCS	Unit	D	%Rec		
			Added	Result	Qualifier			Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	841.0		mg/Kg		84	70 - 130	
Diesel Range Organics (Over C10-C28)			1000	919.1		mg/Kg		92	70 - 130	
		LCS	LCS							
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	85		70 - 130							
o-Terphenyl	93		70 - 130							

Lab Sample ID: LCSD 880-89068/3-A

Matrix: Solid

Analysis Batch: 89062

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 89068

Analyte			Spike	LCSD	LCSD	Unit	D	%Rec	%Rec	RPD	RPD
			Added	Result	Qualifier			Limits	Limits		Limit
Gasoline Range Organics (GRO)-C6-C10			1000	744.9		mg/Kg		74	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	825.4		mg/Kg		83	70 - 130	11	20
Surrogate	LCSD		Limits								
	%Recovery	Qualifier									
1-Chlorooctane	76		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: 890-7020-A-41-D MS

Matrix: Solid

Analysis Batch: 89062

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89068

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec	Limits		
	Result	Qualifier	Added	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	833.1		mg/Kg		83	70 - 130			
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	872.6		mg/Kg		86	70 - 130			
Surrogate	MS	MS	Limits									
	%Recovery	Qualifier										
1-Chlorooctane	93		70 - 130									
o-Terphenyl	95		70 - 130									

Lab Sample ID: 890-7020-A-41-E MSD

Matrix: Solid

Analysis Batch: 89062

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89068

	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	<49.8	U	1000	763.0		mg/Kg		76	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	851.2		mg/Kg		83	70 - 130	2	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	92		70 - 130								

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QC Sample Results

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

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

Lab Sample ID: 890-7020-A-41-E MSD

Matrix: Solid

Analysis Batch: 89062

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89068

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	94		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-88754/1-A

Matrix: Solid

Analysis Batch: 88983

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<5.00	U	5.00		mg/Kg			08/21/24 05:16		1

Lab Sample ID: LCS 880-88754/2-A

Matrix: Solid

Analysis Batch: 88983

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike	LCS	LCS				%Rec		
		Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride		250	233.9		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-88754/3-A

Matrix: Solid

Analysis Batch: 88983

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	234.9		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-47336-1 MS

Matrix: Solid

Analysis Batch: 88983

Client Sample ID: H-1 (0-0.5')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS				%Rec		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Chloride	31.9		251	289.2		mg/Kg		103	90 - 110		

Lab Sample ID: 880-47336-1 MSD

Matrix: Solid

Analysis Batch: 88983

Client Sample ID: H-1 (0-0.5')

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Chloride	31.9		251	290.5		mg/Kg		103	90 - 110	0	20

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

GC VOA

Prep Batch: 88633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-88633/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 88672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-88672/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 88760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Total/NA	Solid	8021B	88762
880-47336-2	H-2 (0-0.5')	Total/NA	Solid	8021B	88762
880-47336-3	H-3 (0-0.5')	Total/NA	Solid	8021B	88762
880-47336-4	H-4 (0-0.5')	Total/NA	Solid	8021B	88762
880-47336-5	H-5 (0-0.5')	Total/NA	Solid	8021B	88762
MB 880-88633/5-A	Method Blank	Total/NA	Solid	8021B	88633
MB 880-88762/5-A	Method Blank	Total/NA	Solid	8021B	88762
LCS 880-88762/1-A	Lab Control Sample	Total/NA	Solid	8021B	88762
LCSD 880-88762/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	88762
880-47334-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	88762
880-47334-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	88762

Prep Batch: 88762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-47336-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-47336-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-47336-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-47336-5	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-88762/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-88762/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-88762/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47334-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-47334-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 88780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-6	H-6 (0-0.5')	Total/NA	Solid	8021B	88785
880-47336-7	H-7 (0-0.5')	Total/NA	Solid	8021B	88785
MB 880-88672/5-A	Method Blank	Total/NA	Solid	8021B	88672
MB 880-88785/5-A	Method Blank	Total/NA	Solid	8021B	88785
LCS 880-88785/1-A	Lab Control Sample	Total/NA	Solid	8021B	88785
LCSD 880-88785/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	88785
880-47337-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	88785
880-47337-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	88785

Prep Batch: 88785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-47336-7	H-7 (0-0.5')	Total/NA	Solid	5035	
MB 880-88785/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-88785/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-88785/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

GC VOA (Continued)

Prep Batch: 88785 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47337-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-47337-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 88817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47336-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47336-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47336-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47336-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47336-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-47336-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 89062

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	89068
880-47336-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	89068
880-47336-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	89068
880-47336-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	89068
880-47336-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	89068
880-47336-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	89068
880-47336-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	89068
MB 880-89068/1-A	Method Blank	Total/NA	Solid	8015B NM	89068
LCS 880-89068/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89068
LCSD 880-89068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89068
890-7020-A-41-D MS	Matrix Spike	Total/NA	Solid	8015B NM	89068
890-7020-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89068

Prep Batch: 89068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47336-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47336-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47336-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47336-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47336-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-47336-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-89068/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89068/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-7020-A-41-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-7020-A-41-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 89171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-47336-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-47336-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-47336-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

GC Semi VOA (Continued)

Analysis Batch: 89171 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-47336-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-47336-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 88754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-88754/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-88754/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-88754/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47336-1 MS	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-47336-1 MSD	H-1 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 88983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47336-1	H-1 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-2	H-2 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-3	H-3 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-4	H-4 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-5	H-5 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-6	H-6 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-7	H-7 (0-0.5')	Soluble	Solid	300.0	88754
MB 880-88754/1-A	Method Blank	Soluble	Solid	300.0	88754
LCS 880-88754/2-A	Lab Control Sample	Soluble	Solid	300.0	88754
LCSD 880-88754/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	88754
880-47336-1 MS	H-1 (0-0.5')	Soluble	Solid	300.0	88754
880-47336-1 MSD	H-1 (0-0.5')	Soluble	Solid	300.0	88754

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-1 (0-0.5')

Lab Sample ID: 880-47336-1

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	88762	08/17/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88760	08/18/24 06:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/18/24 06:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			89171	08/21/24 16:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 16:09	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 05:38	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-47336-2

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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	88762	08/17/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88760	08/18/24 07:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/18/24 07:18	SM	EET MID
Total/NA	Analysis	8015 NM		1			89171	08/21/24 16:43	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 16:43	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 06:01	CH	EET MID

Client Sample ID: H-3 (0-0.5')

Lab Sample ID: 880-47336-3

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	88762	08/17/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88760	08/18/24 07:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/18/24 07:38	SM	EET MID
Total/NA	Analysis	8015 NM		1			89171	08/21/24 17:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 17:01	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 06:08	CH	EET MID

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-47336-4

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	88762	08/17/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88760	08/18/24 07:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/18/24 07:59	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-4 (0-0.5')

Lab Sample ID: 880-47336-4

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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			89171	08/21/24 17:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 17:18	TKC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 06:16	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-47336-5

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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	88762	08/17/24 11:23	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88760	08/18/24 08:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/18/24 08:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			89171	08/21/24 17:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 17:35	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 06:23	CH	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-47336-6

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 08:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/20/24 08:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			89171	08/21/24 17:52	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 17:52	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 06:46	CH	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-47336-7

Date Collected: 08/13/24 00:00

Matrix: Solid

Date Received: 08/16/24 15:05

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	88785	08/19/24 09:27	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	88780	08/20/24 08:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			88817	08/20/24 08:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			89171	08/21/24 18:09	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	89068	08/21/24 15:17	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89062	08/21/24 18:09	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Client Sample ID: H-7 (0-0.5')
Date Collected: 08/13/24 00:00
Date Received: 08/16/24 15:05

Lab Sample ID: 880-47336-7
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			5.02 g	50 mL	88754	08/17/24 09:42	SMC	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	88983	08/21/24 06:53	CH	EET MID

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

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Accreditation/Certification Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: Cedar Transfer Line

Job ID: 880-47336-1
SDG: Eddy Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47336-1	H-1 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47336-2	H-2 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47336-3	H-3 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47336-4	H-4 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47336-5	H-5 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47336-6	H-6 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05
880-47336-7	H-7 (0-0.5')	Solid	08/13/24 00:00	08/16/24 15:05

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880-47336 Chain of Custody

Page 1 of 1

Project Manager:	Conner Moehring	Bill to: (if different)	Joseph Vargo
Company Name:	Carmona Resources	Company Name:	NGL Water Solutions Perminian
Address:	310 W Wall St Ste 500	Address:	865 North Albion St. Ste. 400
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Denver, CO 80220
Phone:	432-813-6823	Email:	joseph.vargo@nngl.com

Work Order Comments	
Program: US/PST ☐ PRP ☐ Brownfields ☐ RR ☐ Superfund ☐	
State of Project:	
Reporting Level II ☐ Level III ☐ PST/US ☐ TRR ☐ Level IV ☐	
Deliverables: EDD ☐ ADaPT ☐ Other:	

Project Name:	Cedar Transfer Line	Turn Around	Pres. Code
Project Number:	2484	☒ Routine ☐ Rush	
Project Location	Eddy Co, NM	Due Date:	
Sampler's Name:	FV		
PO #:			

ANALYSIS REQUEST		Preservative Codes
		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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	
							TPH 8015M (GRO + DRO + MRO)	Chloride 300.0
H-1 (0-0.5')	8/13/2024		X		G	1	X	X
H-2 (0-0.5')	8/13/2024		X		G	1	X	X
H-3 (0-0.5')	8/13/2024		X		G	1	X	X
H-4 (0-0.5')	8/13/2024		X		G	1	X	X
H-5 (0-0.5')	8/13/2024		X		G	1	X	X
H-6 (0-0.5')	8/13/2024		X		G	1	X	X
H-7 (0-0.5')	8/13/2024		X		G	1	X	X

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

Comments:

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Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>Cale Muehling</i>	8-16-24	<i>[Signature]</i>	8/16/24

Revised Date 05/12/2020 Rev. 2020.1

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Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-47336-1

SDG Number: Eddy Co, NM

Login Number: 47336

List Number: 1

Creator: Vasquez, Julisa

List Source: Eurofins Midland

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

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

QUESTIONS

Action 421990

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2420533198
Incident Name	NAPP2420533198 CEDAR TRANSFER LINE @ 30-015-44054
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-015-44054] CEDAR CANYON SWD #001

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CEDAR TRANSFER LINE
Date Release Discovered	07/22/2024
Surface Owner	Private

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 Pipeline (Any) Produced Water Released: 10 BBL Recovered: 0 BBL Lost: 10 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)	Not answered.

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QUESTIONS, Page 2

Action 421990

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 01/17/2025
--	---

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QUESTIONS, Page 3

Action 421990

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	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 26 and 50 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1000 (ft.) and ½ (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	Greater than 5 (mi.)
Any other fresh water well or spring	Between ½ and 1 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1000 (ft.) and ½ (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Zero feet, overlying, or within area
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
Requesting a remediation plan approval with this submission	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)	88300
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	165
GRO+DRO (EPA SW-846 Method 8015M)	165
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	04/17/2025
On what date will (or did) the final sampling or liner inspection occur	07/01/2025
On what date will (or was) the remediation complete(d)	07/16/2025
What is the estimated surface area (in square feet) that will be reclaimed	7309
What is the estimated volume (in cubic yards) that will be reclaimed	3912
What is the estimated surface area (in square feet) that will be remediated	7309
What is the estimated volume (in cubic yards) that will be remediated	3912
<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 421990

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	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:	
<i>(Select all answers below that apply.)</i>	
(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	<i>Not answered.</i>
OR which OCD approved well (API) will be used for off-site disposal	<i>Not answered.</i>
OR is the off-site disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 - Red Bluff
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<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: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 01/17/2025
<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 421990

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	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 421990

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	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 421990

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 421990
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan is approved with the following conditions:	1/29/2025
scwells	Referring to Google Earth imagery from 8/21/24 it appears the release affected the area south of the road, which is south of S-1. Delineation samples will also need to be collected within that area to confirm no impacts are left there. If impacts are found, these must be addressed pursuant to 19.15.29.12 NMAC.	1/29/2025
scwells	OCD notes that you checked the box "No" to, "The concentration of dissolved chloride in the produced water >10,000 mg/l," so OCD would like a sample of the produced water to be collected and sent to a laboratory for analysis of chlorides. Results should be provided with the next submission.	1/29/2025
scwells	The variance to collect samples every 500 ft2 is denied. Confirmation samples may be collected from the base of the excavation at a frequency of every 400 ft2 and from the sidewalls every 200 ft2.	1/29/2025
scwells	Submit remediation closure report to the OCD by 4/29/25.	1/29/2025