



SITE INFORMATION

**Work Plan
Paduca Booster
Lea County, New Mexico
Unit L Sec 203 T26S R32E
32.068784°, -103.670783°**

**Incident # NAPP2509039316
Produced Water Release
Point of Release: Equipment Failure
Release Date: 03.28.2025
Volume Released: 450 Barrels of Produced Water
Volume Recovered: 400 Barrels of Produced Water**

CARMONA RESOURCES



**Incident # NAPP2510652338
Produced Water Release
Point of Release: Equipment Failure
Release Date: 04.15.2025
Volume Released: 450 Barrels of Produced Water
Volume Recovered: 390 Barrels of Produced Water**

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

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



TABLE OF CONTENTS

1.0 SITE INFORMATION AND BACKGROUND

2.0 SITE CHARACTERIZATION AND GROUNDWATER

3.0 NMAC REGULATORY CRITERIA

4.0 SITE ASSESSMENT ACTIVITIES

5.0 PROPOSED WORK PLAN

6.0 CONCLUSIONS

FIGURES

FIGURE 1 OVERVIEW

FIGURE 2 TOPOGRAPHIC

FIGURE 3 SAMPLE LOCATION

FIGURE 4A/4B PROPOSED EXCAVATION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C NOTIFICATION OF RELEASE

APPENDIX D SITE CHARACTERIZATION, GROUNDWATER

APPENDIX E LABORATORY REPORTS



September 11, 2025

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

Re: Work Plan
Paduca Booster (nAPP250903916)
Paduca Booster (nAPP2510652338)
NGL Water Solutions Permian, LLC
Site Location: Unit L Sec 03 T26S R32E
(Lat 32.068784°, Long -103.670783°)
Lea County, New Mexico

To whom it may concern:

On behalf of NGL Energy Partners (NGL), Carmona Resources, LLC (Carmona Resources) has prepared this letter to document site assessment activities for the Paduca Booster. The site is located at 32.068784°, -103.670783° within Unit L, S03, T26S, R32E in Lea County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

nAPP250903916

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on March 28, 2025, due to equipment failure. It resulted in the release of approximately four hundred fifty (450) barrels of produced water into the pasture. Approximately four hundred (400) barrels of produced water were recovered. Refer to Figure 3. The Notification of Release is attached in Appendix C.

nAPP2510652338

Based on the Notification of Release obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on April 15, 2025, due to equipment failure. It resulted in the release of approximately four hundred fifty (450) barrels of produced water into the pasture. Approximately three hundred and ninety (390) barrels of produced water were recovered. Refer to Figure 3. The Notification of Release is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known water sources within a 0.50-mile radius of the location. On December 21, 2021, a third-party contractor drilled a groundwater determination bore to 55' bgs. The groundwater determination bore is located approximately 1.15 miles Southeast of the site at 32.0656322°, -103.6901477°. No water was detected after 72 hours. A copy of the associated well log 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).

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



- Chloride: 600 mg/kg.

4.0 Site Assessment Activities

Initial Assessment

On May 7, 2025, Carmona Resources performed a site assessment to evaluate soil impacts stemming from the release. A total of seventeen (17) trench points (T-1 through T-17) and fifteen (15) horizontal sample points (H-1 through H-15) were advanced to depths ranging from surface to 6.0' 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.

5.0 Proposed Work Plan

Based on the analytical data and the detected chloride & TPH concentrations, NGL proposes to remediate the areas shown in Figure 5 and highlighted (blue) in Table 1.

- The area T-8 will be excavated to a depth of 2' bgs and backfilled with clean material to grade.
- The areas of T-2, T-13, T-15, T-16 and T-17 will be excavated to a depth of 3' bgs and backfilled with clean material to grade.
- The area of T-11 will be excavated to a depth of 4' bgs and backfilled with clean material to grade.
- The area of T-4 will be excavated to a depth of 5' bgs and backfilled with clean material to grade.
- The area of T-6 will be excavated to a depth of 6' bgs and backfilled with clean material to grade.
- An estimated 5,685 cubic yards will be removed and hauled to the nearest disposal based on the maximum depth.
- 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.
- Once the site activities and excavation are complete, the areas will be backfilled with clean material to surface grade. The entire site will be reseeded with BLM #1 seed mix. The remediation will be implemented 90 days after the work plan is approved.

6.0 Conclusions

Upon completion, a final closure report describing the remediation activities will be presented to the New Mexico Oil Conservation Division (NMOCD). If you have any questions regarding this report or need additional information, please contact us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Conner Moehring
Environmental Manager

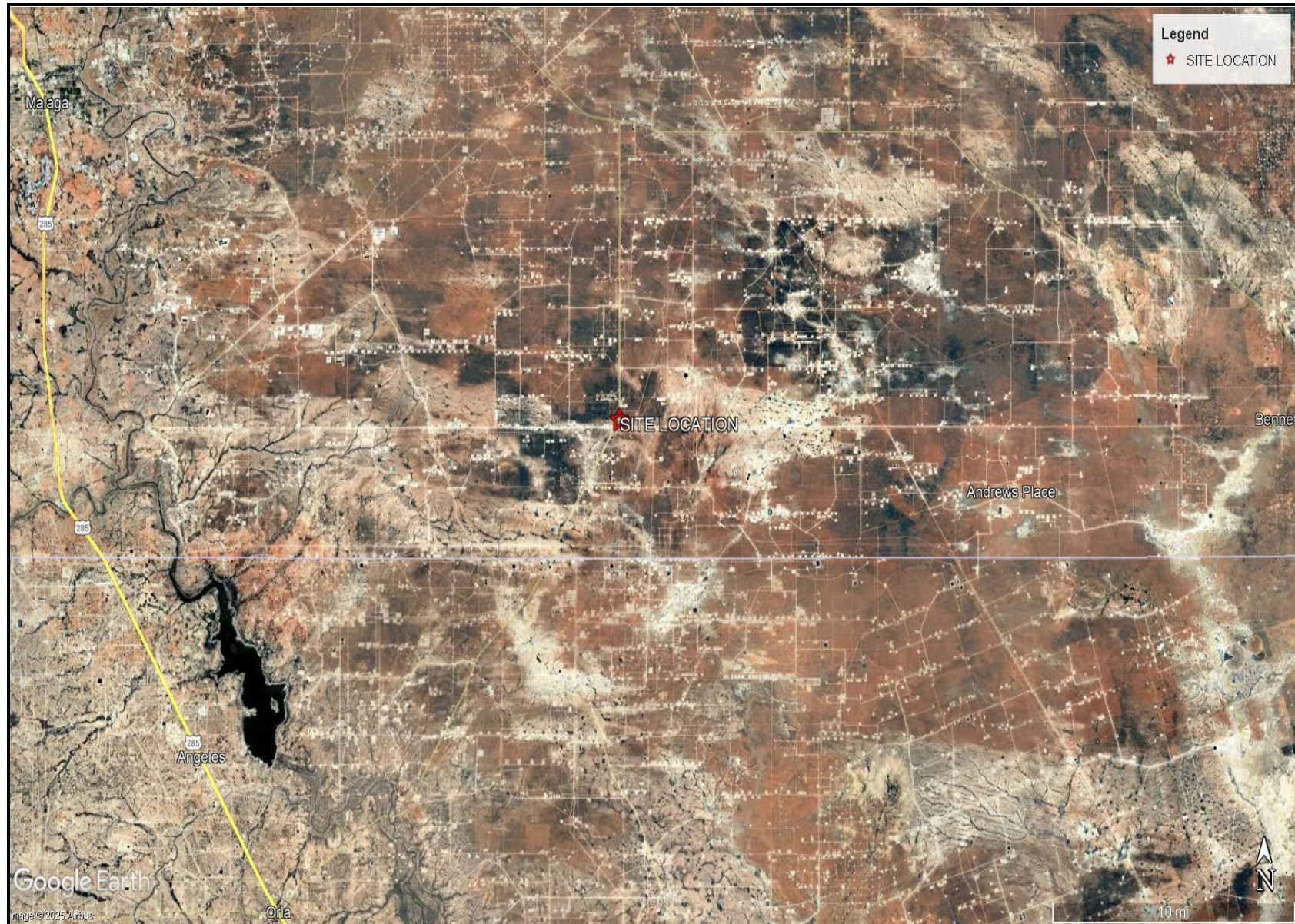
Ashton Thielke
Environmental Manager

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

FIGURES

CARMONA RESOURCES



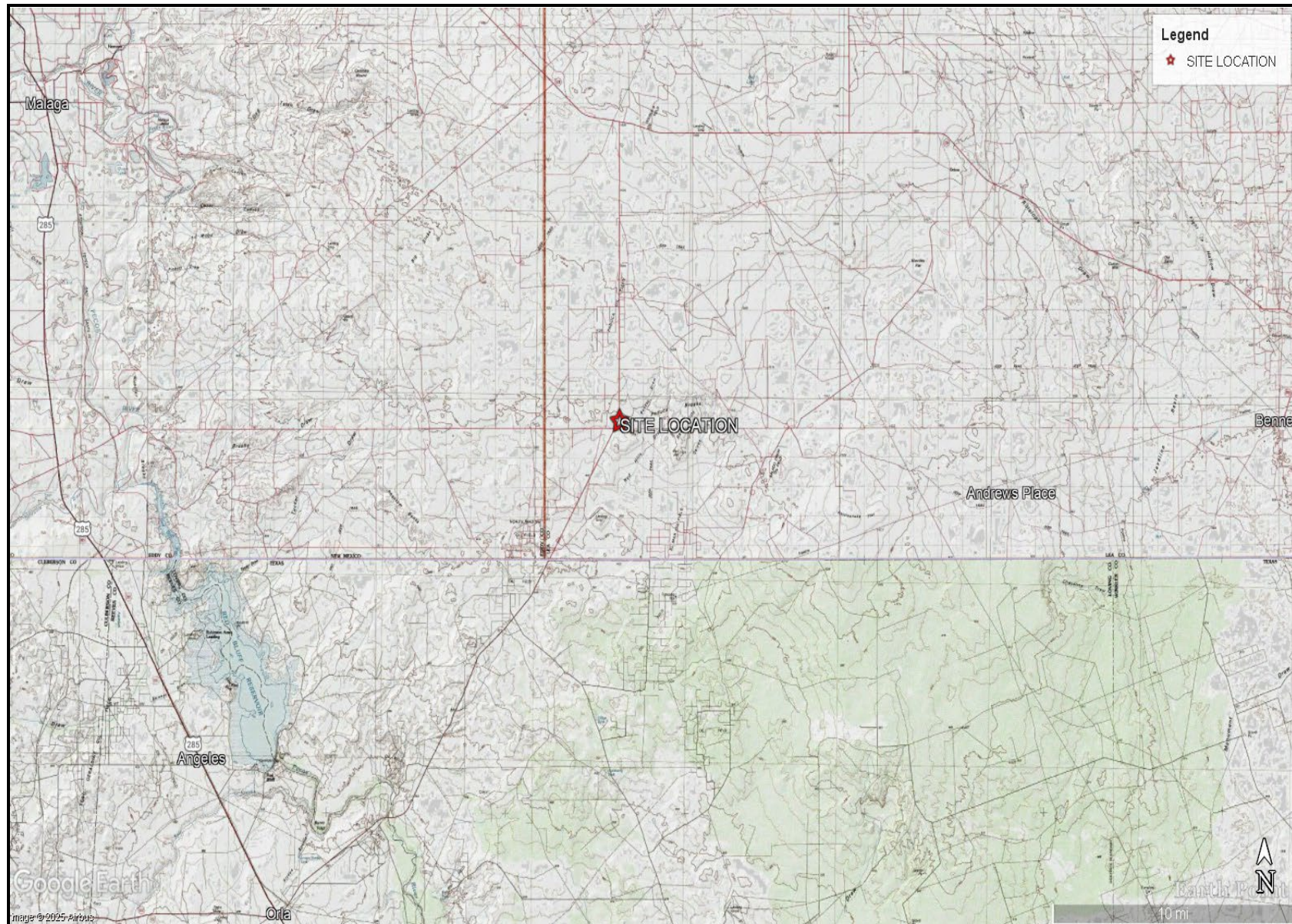


SITE OVERVIEW MAP
NGL ENERGY PARTNERS
PADUCA BOOSTER
LEA COUNTY, NEW MEXICO
32.068784°, -103.670783°

CARMONA RESOURCES



FIGURE 1



TOPOGRAPHIC MAP
NGL ENERGY PARTNERS
PADUCA BOOSTER
LEA COUNTY, NEW MEXICO
32.068784°, -103.670783°

CARMONA RESOURCES



FIGURE 2

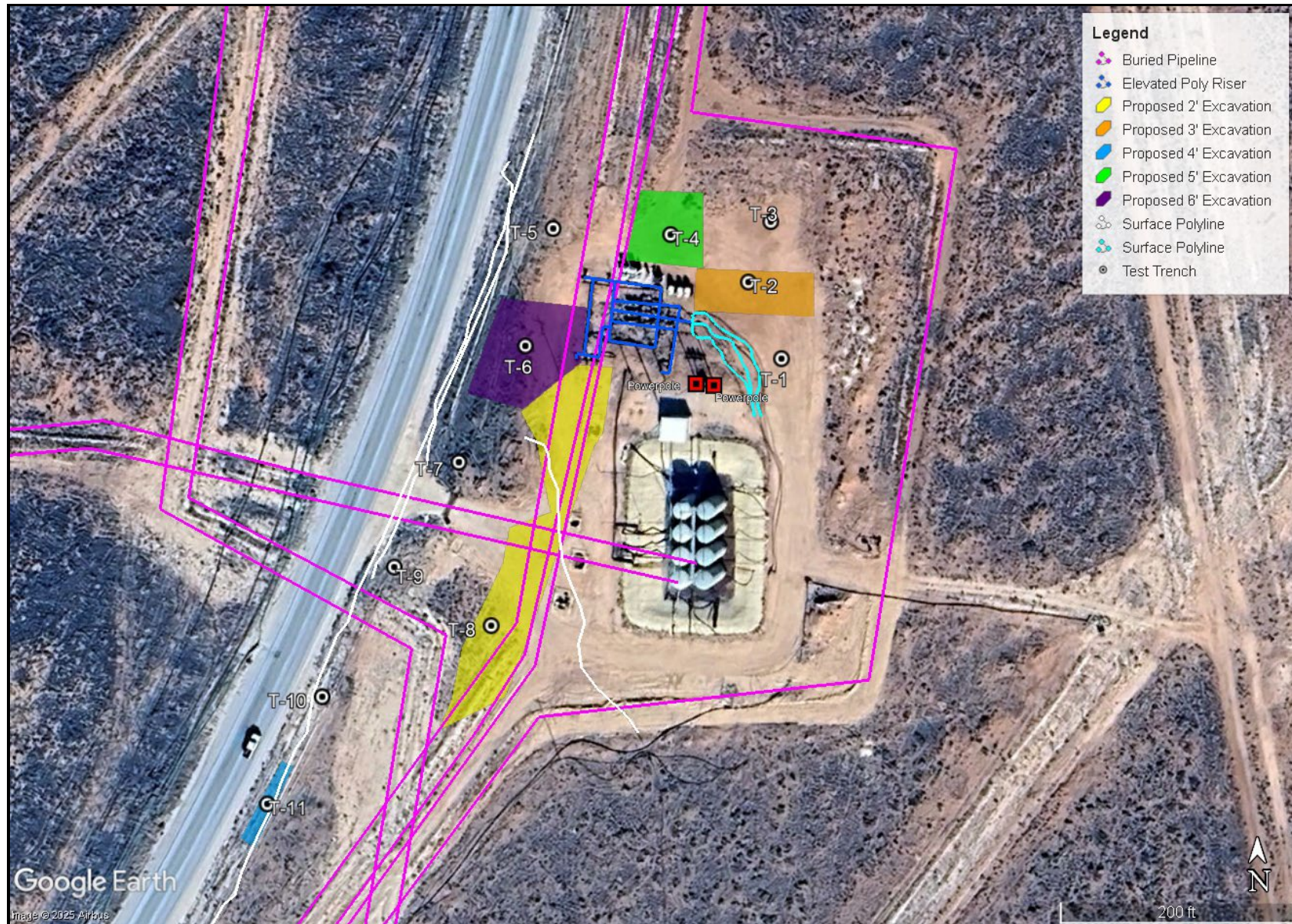


SAMPLE LOCATION MAP
 NGL ENERGY PARTNERS
 PADUCA BOOSTER
 LEA COUNTY, NEW MEXICO
 32.068784°, -103.670783°

CARMONA RESOURCES



FIGURE 3

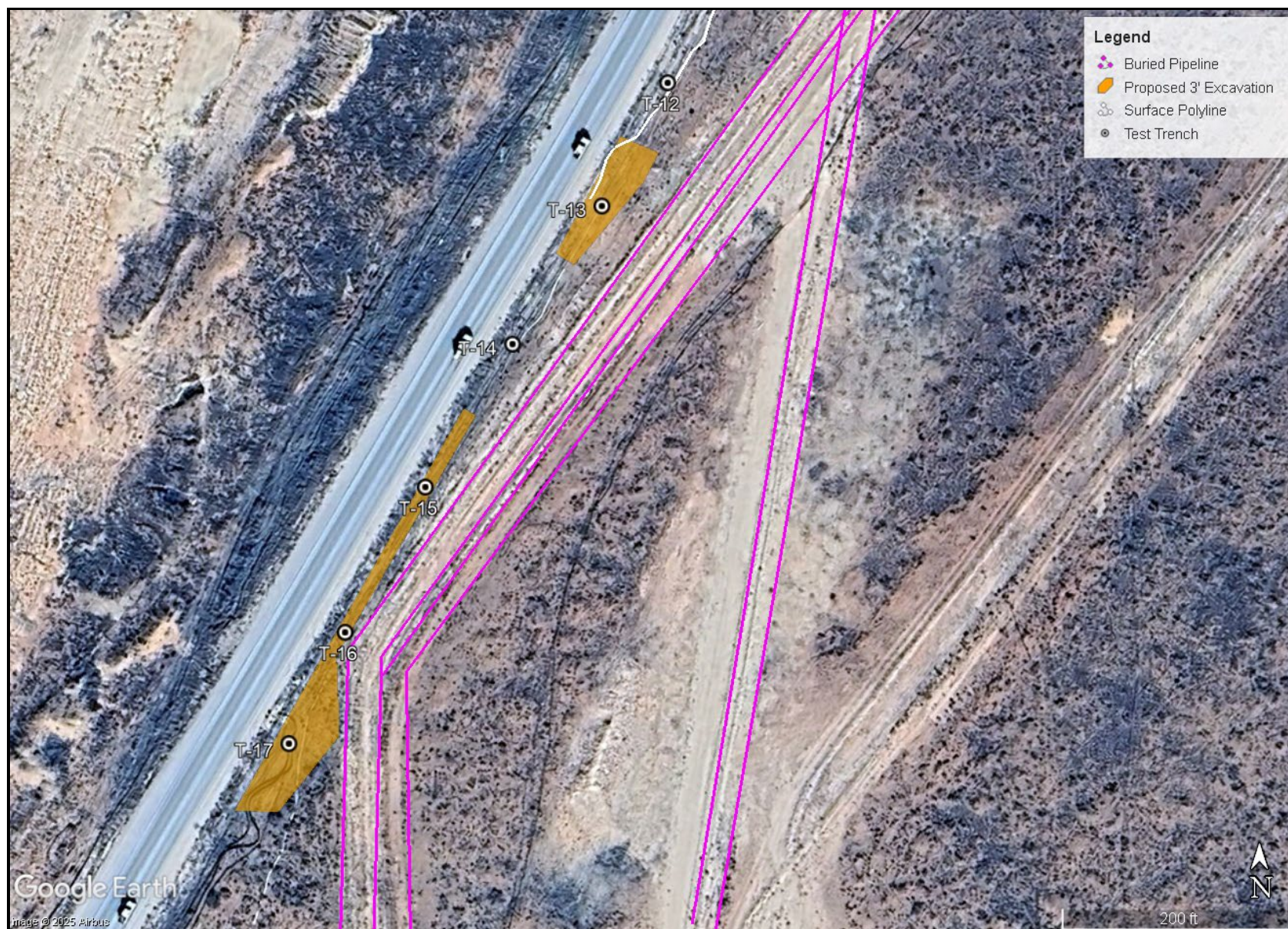


PROPOSED EXCAVATION DEPTH MAP
 NGL ENERGY PARTNERS
 PADUCA BOOSTER
 LEA COUNTY, NEW MEXICO
 32.068784°, -103.670783°

CARMONA RESOURCES



FIGURE 4A



PROPOSED EXCAVATION DEPTH MAP
NGL ENERGY PARTNERS
PADUCA BOOSTER
LEA COUNTY, NEW MEXICO
32.068784°, -103.670783°

CARMONA RESOURCES



FIGURE 4B

APPENDIX A

CARMONA RESOURCES



Table 1
NGL Water Solutions
Paduca Booster
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	5/7/2025	0-1'	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	118
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	158
	"	3'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	266
	"	4'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	126
T-2	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,440
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	2,580
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	589
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	102
T-3	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	128
	"	2'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	102
	"	3'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	134
	"	4'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	113
T-4	5/7/2025	0-1'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	1,240
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	825
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	1,090
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,810
	"	5'	<49.7	<49.7	<49.7	<49.7	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	105
T-5	5/7/2025	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	122
	"	2'	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	115
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	128
	"	4'	<50.5	<50.5	<50.5	<50.5	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	136
T-6	5/7/2025	0-1'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,330
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	5,180
	"	3'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,800
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,610
	"	5'	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	630
	"	6'	<50.2	<50.2	<50.2	<50.2	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	145
T-7	5/7/2025	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	111
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	131
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	135
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	162
T-8	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,320
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	198
	"	3'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	112
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

(T) - Test Trench

Proposed Excavation

Table 1
NGL Water Solutions
Paduca Booster
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-9	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	130
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	134
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	147
T-10	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	72.7
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	125
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	120
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	133
T-11	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	2,760
	"	2'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,160
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,170
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	144
T-12	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	152
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	119
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	120
	"	4'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	215
T-13	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	740
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	857
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	150
T-14	5/7/2025	0-1'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	86
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	121
	"	3'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	146
T-15	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	674
	"	2'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,710
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	319
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	153
T-16	5/7/2025	0-1'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	3,880
	"	2'	<50.0	<50.0	<50.0	<50.0	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	3,710
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	471
	"	4'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	217
T-17	5/7/2025	0-1'	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	396
	"	2'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	2,560
	"	3'	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	422
	"	4'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	444
	"	5'	<49.8	<49.8	<49.8	<49.8	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	228
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

(T) - Test Trench

Proposed Excavation

Table 1
NGL Water Solutions
Paduca Booster
Lea County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	5/7/2025	0-0.5'	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	78.9
H-2	5/7/2025	0-0.5'	<50.5	<50.5	<50.5	<50.5	<0.00198	0.00324	<0.00198	<0.00396	<0.00396	98.0
H-3	5/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	104
H-4	5/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	142
H-5	5/7/2025	0-0.5'	<49.7	<49.7	<49.7	<49.7	0.00209	<0.00200	<0.00200	<0.00400	<0.00400	120
H-6	5/7/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	96.0
H-7	5/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	121
H-8	5/7/2025	0-0.5'	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	99.8
H-9	5/7/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	115
H-10	5/7/2025	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	97.6
H-11	5/7/2025	0-0.5'	<50.1	<50.1	<50.1	<50.1	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	107
H-12	5/7/2025	0-0.5'	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	119
H-13	5/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	131
H-14	5/7/2025	0-0.5'	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	98.7
H-15	5/7/2025	0-0.5'	<49.9	<49.9	<49.9	<49.9	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	114
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 Sample

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 1

Facility: Paduca Booster

County: Lea County, New Mexico

Description:

View South areas of Trench 1-5.



Photograph No. 2

Facility: Paduca Booster

County: Lea County, New Mexico

Description:

View Southeast, areas of Trench 6-9.



Photograph No. 3

Facility: Paduca Booster

County: Lea County, New Mexico

Description:

View North, areas of Trench 10-12.



PHOTOGRAPHIC LOG

NGL Energy Partners

Photograph No. 4

Facility: Paduca Booster

County: Lea County, New Mexico

Description:

View North, areas of Trench 13 and 14.



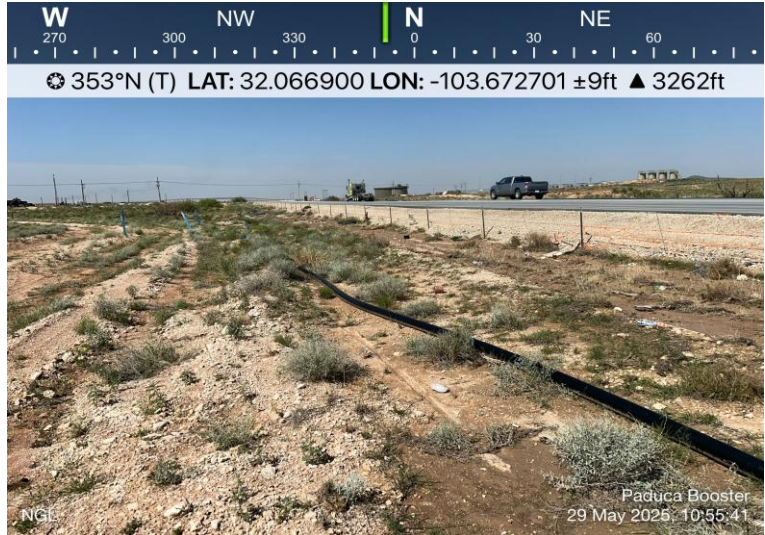
Photograph No. 5

Facility: Paduca Booster

County: Lea County, New Mexico

Description:

View North, area of Trenches 15-18.



APPENDIX C

CARMONA RESOURCES



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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 447183

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Paduca Booster
Date Release Discovered	03/28/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Injection Header Produced Water Released: 450 BBL Recovered: 400 BBL Lost: 50 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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 447183

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 447183

ACKNOWLEDGMENTS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	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.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 447183

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 447183
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
kelsiwechipt	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	3/31/2025

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 452901

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

Location of Release Source <i>Please answer all the questions in this group.</i>	
Site Name	Paduca Booster
Date Release Discovered	04/15/2025
Surface Owner	Federal

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

Nature and Volume of Release <i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Coupling Produced Water Released: 450 BBL Recovered: 390 BBL Lost: 60 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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 452901

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	Action Type: [NOTIFY] Notification Of Release (NOR)

QUESTIONS

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

Initial Response

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

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

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

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

General Information
Phone: (505) 629-6116

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

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

ACKNOWLEDGMENTS

Action 452901

ACKNOWLEDGMENTS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	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.

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 452901

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 452901
	Action Type: [NOTIFY] Notification Of Release (NOR)

CONDITIONS

Created By	Condition	Condition Date
kelsiwechipt	When submitting future reports regarding this release, please submit the calculations used or specific justification for the volumes reported on the initial C-141.	4/16/2025

APPENDIX D

CARMONA RESOURCES



Nearest water well

NGL Water Solutions

Legend

- 0.50 Mile Radius
- 1.15 Miles
- 1.64 Miles
- 2.38 Miles
- Groundwater Determination Bore
- Paduca Booster (03.28.2025)
- USGS Water Well



Medium Karst

NGL Water Solutions

Legend

- Low
- Medium
- Paduca Booster (03.28.2025)

Paduca Booster (03.28.2025)





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance	Well Depth	Depth Water	Water Column
C 04549 POD1		CUB	LE	NW	NW	NW	11	26S	32E	6271111.4	3548316.9		1716	0	0	0
C 04485 POD1		CUB	LE	SE	NW	NW	12	26S	32E	629038.9	3548125.2		3634	55		

Average Depth to Water: 0 feet

Minimum Depth: 0 feet

Maximum Depth: 0 feet

Record Count: 2

UTM Filters (in meters):

Easting: 625474.13
Northing: 3548831.90
Radius: 4000

* UTM location was derived from PLSS - see Help

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


Borehole ID:
 GWDB

Soil Drilling Log

Project Name : Hallertau 5 Fed #4
Project No. : 212C-MD-02564
Location : Lea County, New Mexico
Coordinates : 32.0656322, -103.6901477
Elevation : N/A

Date : Tuesday, December 21, 2021
Sampler : Zeke Moreno
Driller : Scarborough Drilling
Method : Air Rotary

Depth (ft.)	WL	Soil Description	Chloride Field Test (ppm)	Field Titration Test (ppm)	Depth (ft.)	WL	Soil Description	Chloride Field Test (ppm)	Field Titration Test (ppm)
0		CALICHE, some sand, coarse, light tan to white, dry, no odor, no staining.	150ppm		50		fine SAND, well sorted, rounded, light tan, no moisture, no odor, no staining.		
		SAND with caliche, well sorted, well rounded, light tan, no moisture, no odor, no staining.	112ppm						
		"	72ppm		55		"		
5		fine SAND with some caliche (<20%), light tan, well sorted, well rounded, no moisture, no odor, no staining	41ppm						
			73ppm						
10		fine SAND, well sorted, rounded, light tan, no moisture, no odor, no staining.	44ppm		60		Total Depth = 55'		
15		"			65				
20		"			70				
25		"			75				
30		fine SAND with some caliche pockets, well sorted and rounded sand grains, light tan, dry, no odor, no staining.			80				
35		fine SAND, well sorted, rounded, light tan, no moisture, no odor, no staining.			85				
40		"			90				
45		"			95				
50					100				

* H.O. = Heavy Odor
 * H.S. = Heavy Staining

* L.O. = Low Odor
 * L.S. = Low Staining



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
New Mexico

GO

Click to hideNews Bulletins

- Explore the NEW [USGS National Water Dashboard](#) interactive map to access real-time water data from over 13,500 stations nationwide.
- [Full News](#)

Groundwater levels for New Mexico

Click to hide state-specific text

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320424103415401

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320424103415401 26S.31E.01.421322

Eddy County, New Mexico
Latitude 32°04'24", Longitude 103°41'54" NAD27
Land-surface elevation 3,294 feet above NAVD88
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

[Table of data](#)

[Tab-separated data](#)

[Graph of data](#)

[Reselect period](#)

Date	Time	? Water-level date-time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1983-01-26			D	62610	3002.25	NGVD29	1	Z		
1983-01-26			D	62611	3003.88	NAVD88	1	Z		
1983-01-26			D	72019	290.12		1	Z		
1983-02-14			D	62610	3002.95	NGVD29	1	Z		
1983-02-14			D	62611	3004.58	NAVD88	1	Z		
1983-02-14			D	72019	289.42		1	Z		
1987-10-21			D	62610	3002.47	NGVD29	1	Z		
1987-10-21			D	62611	3004.10	NAVD88	1	Z		
1987-10-21			D	72019	289.90		1	Z		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions about sites/data?](#)
[Feedback on this web site](#)
[Automated retrievals](#)
[Help](#)
[Data Tips](#)
[Explanation of terms](#)
[Subscribe for system changes](#)
[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)
[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)
Title: Groundwater for New Mexico: Water Levels
URL: <https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?>



Page Contact Information: [New Mexico Water Data Maintainer](#)
Page Last Modified: 2023-03-23 15:34:50 EDT
0.29 0.25 nadww02



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

OSE DJT AUG 2 2021 PM 4:45

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD1 (MW-1)		WELL TAG ID NO. n/a		OSE FILE NO(S). C-4549			
	WELL OWNER NAME(S) BTA Oil Producers				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS 104 S. Pecos St.				CITY Midland	STATE TX	ZIP 79701	
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 4	SECONDS 40.92	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	37	53.68	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE NW NW NW Sec. 11 T26S R32E								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 07/14/2021		DRILLING ENDED 07/14/2021		DEPTH OF COMPLETED WELL (FT) temporary well material		BORE HOLE DEPTH (FT) 103	
	COMPLETED WELL IS: ☐ ARTESIAN ☒ DRY HOLE ☐ SHALLOW (UNCONFINED)					DEPTH WATER FIRST ENCOUNTERED (FT) n/a		
	DRILLING FLUID: ☒ AIR ☐ MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☒ OTHER - SPECIFY: Hollow Stem Auger							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	103	±8.5	Boring- HSA	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 06/30/17)

FILE NO. C-4549	POD NO. 1	TRN NO. 698318
LOCATION 26S-32E-11	1.1.1	WELL TAG ID NO. NA -

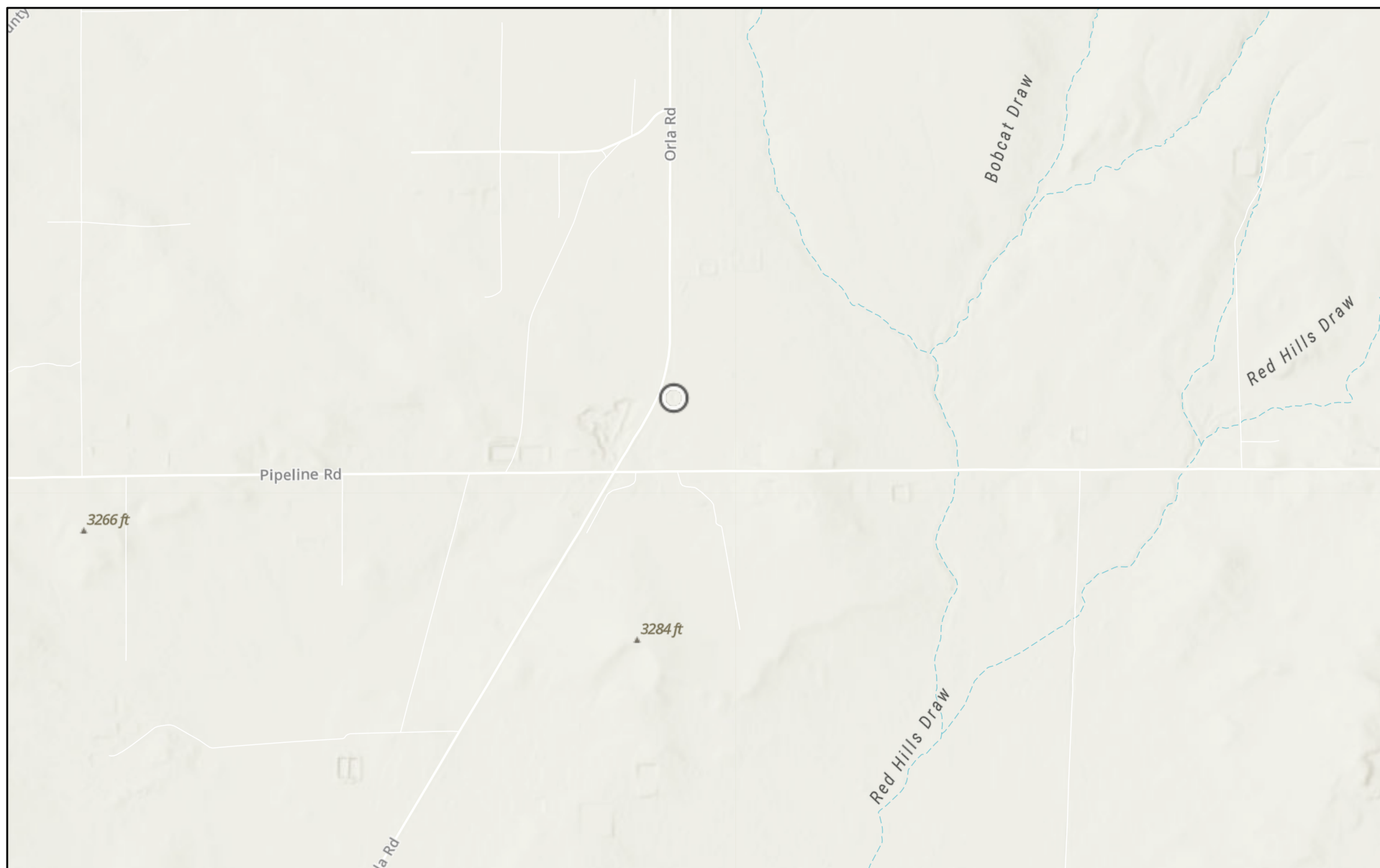
PAGE 1 OF 2

OSE DTI AUG 2 2021 PM4:45

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
	FROM	TO				
	0	4	4	Caliche, Consolidated, White	Y ✓ N	
	4	9	5	Caliche, Consolidated, with fine-grained, Tan	Y ✓ N	
	9	14	5	Caliche, Consolidated, White	Y ✓ N	
	14	19	5	Caliche, Consolidated, with fine-grained, Tan	Y ✓ N	
	19	69	50	Sand, Fine-grained poorly graded, with caliche, Tanish Brown	Y ✓ N	
	69	79	103	Clay, Stiff, High Plasticity, Dark Brown,	Y ✓ N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED	
☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER - SPECIFY:					WELL YIELD (gpm): 0.00	
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: Temporary well materials removed and the soil boring backfilled using drill cuttings from total depth to ten feet below ground surface, then hydrated bentonite chips from ten feet below ground surface to surface.					
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt, Carmelo Trevino						
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:  SIGNATURE OF DRILLER / PRINT SIGNEE NAME Jackie D. Atkins DATE					

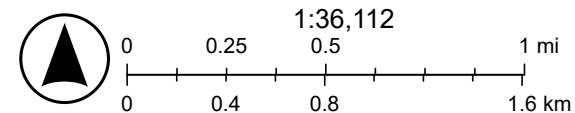
FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/30/2017)	
FILE NO. C-4549	POD NO. 1	TRN NO. 698318	
LOCATION 26S-32E-11	1.1.1	WELL TAG ID NO. NA	PAGE 2 OF 2

Paduca Booster (03.28.2025)



4/2/2025

World_Hillshade



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

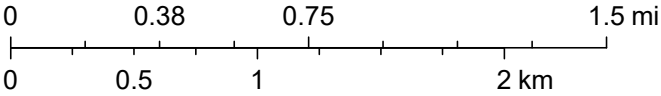
Paduca Booster (03.28.2025)



4/2/2025, 8:46:35 AM

OSE Streams

1:36,112



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

APPENDIX E

CARMONA RESOURCES





Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/13/2025 6:19:25 PM

JOB DESCRIPTION

NGL Paduca Booster
Lea County New Mexico

JOB NUMBER

880-57969-1

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
5/13/2025 6:19:25 PM

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

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Laboratory Job ID: 880-57969-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	8
Surrogate Summary	59
QC Sample Results	63
QC Association Summary	80
Lab Chronicle	96
Certification Summary	117
Method Summary	118
Sample Summary	119
Chain of Custody	121
Receipt Checklists	128

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
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: NGL Paduca Booster

Job ID: 880-57969-1

Job ID: 880-57969-1

Eurofins Midland

Job Narrative
880-57969-1

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 5/9/2025 10:06 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109782 and analytical batch 880-109887 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-17 (2') (880-57969-65) and T-17 (5') (880-57969-68). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-109780 and analytical batch 880-109841 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-109841 recovered under the lower control limit for Benzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following sample was outside control limits: T-10 (3') (880-57969-40). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: T-4 (0-1') (880-57969-13), T-4 (3') (880-57969-15), T-4 (5') (880-57969-17), T-5 (0-1') (880-57969-18), T-5 (2') (880-57969-19), T-12 (3') (880-57969-48), T-12 (4') (880-57969-49), T-15 (0-1') (880-57969-56), T-15 (4') (880-57969-59) and (880-56959-A-16-F MDLV). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109781 and analytical batch 880-109913 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 surrogate recovery for the blank associated with preparation batch 880-109781 and analytical batch 880-109913 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109922 and analytical batch 880-109913 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following sample was outside the upper control limit: T-14 (2') (880-57969-54). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-57969-A-11-C MSD).

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-57969-1

Job ID: 880-57969-1 (Continued)

Eurofins Midland

Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109777 and analytical batch 880-109878 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109784 and analytical batch 880-109908 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-109784 and analytical batch 880-109908 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: T-13 (2') (880-57969-51), T-13 (3') (880-57969-52), T-14 (0-1') (880-57969-53), T-14 (2') (880-57969-54), T-14 (3') (880-57969-55), T-15 (0-1') (880-57969-56), T-15 (2') (880-57969-57), T-15 (3') (880-57969-58), T-15 (4') (880-57969-59), T-16 (0-1') (880-57969-60), T-16 (2') (880-57969-61), T-16 (3') (880-57969-62), T-16 (4') (880-57969-63), T-17 (0-1') (880-57969-64), T-17 (2') (880-57969-65), T-17 (3') (880-57969-66), T-17 (4') (880-57969-67), T-17 (5') (880-57969-68), (LCS 880-109784/2-A), (LCSD 880-109784/3-A), (880-57969-A-51-C MS) and (880-57969-A-51-D MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109775 and analytical batch 880-109979 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109783 and analytical batch 880-109980 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: T-8 (0-1') (880-57969-32), T-10 (2') (880-57969-39), T-11 (3') (880-57969-44), T-12 (0-1') (880-57969-46) and T-12 (4') (880-57969-49). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: T-7 (4') (880-57969-31), T-8 (2') (880-57969-33), T-8 (3') (880-57969-34), T-9 (3') (880-57969-37), T-10 (3') (880-57969-40), T-12 (3') (880-57969-48) and T-13 (0-1') (880-57969-50). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-109783/2-A), (LCSD 880-109783/3-A) and (880-57969-A-31-C MS). Evidence of matrix interferences is not obvious.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109839 and analytical batch 880-109920 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109840 and analytical batch 880-109919 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109836 and analytical batch 880-109888 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.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-57969-1

Job ID: 880-57969-1 (Continued)

Eurofins Midland

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109846 and analytical batch 880-109942 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

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

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-1

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 16:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:05	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 16:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/09/25 10:50	05/09/25 16:05	1
1,4-Difluorobenzene (Surr)	105		70 - 130	05/09/25 10:50	05/09/25 16:05	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			05/09/25 16:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			05/13/25 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		05/09/25 10:32	05/13/25 00:58	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		05/09/25 10:32	05/13/25 00:58	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		05/09/25 10:32	05/13/25 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	05/09/25 10:32	05/13/25 00:58	1
o-Terphenyl (Surr)	99		70 - 130	05/09/25 10:32	05/13/25 00:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0		mg/Kg			05/12/25 14:48	1

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57969-2

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 16:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 16:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:50	05/09/25 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/09/25 10:50	05/09/25 16:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/25 10:50	05/09/25 16:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57969-2

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 16:25	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			05/13/25 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				05/09/25 10:32	05/13/25 01:14	1
o-Terphenyl (Surr)	110		70 - 130				05/09/25 10:32	05/13/25 01:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		9.96		mg/Kg			05/12/25 15:09	1

Client Sample ID: T-1 (3')

Lab Sample ID: 880-57969-3

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 16:46	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				05/09/25 10:50	05/09/25 16:46	1
1,4-Difluorobenzene (Surr)	95		70 - 130				05/09/25 10:50	05/09/25 16:46	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			05/09/25 16:46	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			05/13/25 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/13/25 01:30	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/13/25 01:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (3')

Lab Sample ID: 880-57969-3

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/13/25 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				05/09/25 10:32	05/13/25 01:30	1
o-Terphenyl (Surr)	108		70 - 130				05/09/25 10:32	05/13/25 01:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	266		9.94		mg/Kg			05/12/25 15:16	1

Client Sample ID: T-1 (4')

Lab Sample ID: 880-57969-4

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 17:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				05/09/25 10:50	05/09/25 17:06	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/09/25 10:50	05/09/25 17:06	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			05/09/25 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/13/25 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 01:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 01:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130				05/09/25 10:32	05/13/25 01:46	1
o-Terphenyl (Surr)	105		70 - 130				05/09/25 10:32	05/13/25 01:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		9.92		mg/Kg			05/12/25 15:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-5

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 17:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 17:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/09/25 10:50	05/09/25 17:26	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/09/25 10:50	05/09/25 17:26	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			05/09/25 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/25 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	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	05/09/25 10:32	05/13/25 02:02	1
o-Terphenyl (Surr)	105		70 - 130	05/09/25 10:32	05/13/25 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2440		50.5		mg/Kg			05/12/25 15:30	5

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57969-6

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 17:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:50	05/09/25 17:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:50	05/09/25 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/09/25 10:50	05/09/25 17:47	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/09/25 10:50	05/09/25 17:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57969-6

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/25 02:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130				05/09/25 10:32	05/13/25 02:18	1
o-Terphenyl (Surr)	99		70 - 130				05/09/25 10:32	05/13/25 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2580		50.4		mg/Kg			05/12/25 15:52	5

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57969-7

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 18:07	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:50	05/09/25 18:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/09/25 10:50	05/09/25 18:07	1
1,4-Difluorobenzene (Surr)	103		70 - 130				05/09/25 10:50	05/09/25 18:07	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			05/09/25 18:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/13/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 02:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 02:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57969-7

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				05/09/25 10:32	05/13/25 02:35	1
o-Terphenyl (Surr)	111		70 - 130				05/09/25 10:32	05/13/25 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	589		9.94		mg/Kg			05/12/25 15:59	1

Client Sample ID: T-2 (4')

Lab Sample ID: 880-57969-8

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 18:28	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:50	05/09/25 18:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/09/25 10:50	05/09/25 18:28	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/09/25 10:50	05/09/25 18:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/25 02:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/09/25 10:32	05/13/25 02:50	1
o-Terphenyl (Surr)	101		70 - 130				05/09/25 10:32	05/13/25 02:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		9.98		mg/Kg			05/12/25 16:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (0-1')

Lab Sample ID: 880-57969-9

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 18:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 18:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/09/25 10:50	05/09/25 18:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/25 10:50	05/09/25 18:48	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			05/09/25 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/25 03:07	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		05/09/25 10:32	05/13/25 03:07	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 03:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/13/25 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	05/09/25 10:32	05/13/25 03:07	1
o-Terphenyl (Surr)	98		70 - 130	05/09/25 10:32	05/13/25 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		9.90		mg/Kg			05/12/25 16:13	1

Client Sample ID: T-3 (2')

Lab Sample ID: 880-57969-10

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:50	05/09/25 19:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:50	05/09/25 19:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:50	05/09/25 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/09/25 10:50	05/09/25 19:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/09/25 10:50	05/09/25 19:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (2')

Lab Sample ID: 880-57969-10

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 19:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/13/25 03:23	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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 03:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 03:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/13/25 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130				05/09/25 10:32	05/13/25 03:23	1
o-Terphenyl (Surr)	99		70 - 130				05/09/25 10:32	05/13/25 03:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		10.0		mg/Kg			05/12/25 16:20	1

Client Sample ID: T-3 (3')

Lab Sample ID: 880-57969-11

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 17:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/12/25 08:52	05/12/25 17:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/12/25 08:52	05/12/25 17:50	1
1,4-Difluorobenzene (Surr)	101		70 - 130				05/12/25 08:52	05/12/25 17:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/12/25 17:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/09/25 20:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 20:24	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		05/09/25 10:41	05/09/25 20:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (3')

Lab Sample ID: 880-57969-11

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 20:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				05/09/25 10:41	05/09/25 20:24	1
o-Terphenyl (Surr)	115		70 - 130				05/09/25 10:41	05/09/25 20:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134	F1	10.0		mg/Kg			05/12/25 16:27	1

Client Sample ID: T-3 (4')

Lab Sample ID: 880-57969-12

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 18:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/12/25 08:52	05/12/25 18:10	1
1,4-Difluorobenzene (Surr)	113		70 - 130				05/12/25 08:52	05/12/25 18:10	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			05/12/25 18:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/09/25 21:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:11	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:11	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130				05/09/25 10:41	05/09/25 21:11	1
o-Terphenyl (Surr)	110		70 - 130				05/09/25 10:41	05/09/25 21:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		10.1		mg/Kg			05/12/25 16:48	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-13

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 18:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 18:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	05/12/25 08:52	05/12/25 18:31	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/12/25 08:52	05/12/25 18:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/12/25 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/09/25 21:26	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	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:26	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:26	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/09/25 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	05/09/25 10:41	05/09/25 21:26	1
o-Terphenyl (Surr)	107		70 - 130	05/09/25 10:41	05/09/25 21:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1240		50.2		mg/Kg			05/13/25 08:56	5

Client Sample ID: T-4 (2')

Lab Sample ID: 880-57969-14

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 18:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 18:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	05/12/25 08:52	05/12/25 18:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/12/25 08:52	05/12/25 18:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (2')

Lab Sample ID: 880-57969-14

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/12/25 18:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/25 21:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 21:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 21:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 21:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130				05/09/25 10:41	05/09/25 21:42	1
o-Terphenyl (Surr)	108		70 - 130				05/09/25 10:41	05/09/25 21:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	825		10.1		mg/Kg			05/12/25 17:17	1

Client Sample ID: T-4 (3')

Lab Sample ID: 880-57969-15

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 19:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 19:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				05/12/25 08:52	05/12/25 19:12	1
1,4-Difluorobenzene (Surr)	122		70 - 130				05/12/25 08:52	05/12/25 19:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/12/25 19:12	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			05/09/25 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/09/25 21:58	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/09/25 21:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (3')

Lab Sample ID: 880-57969-15

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/09/25 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				05/09/25 10:41	05/09/25 21:58	1
o-Terphenyl (Surr)	110		70 - 130				05/09/25 10:41	05/09/25 21:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		9.94		mg/Kg			05/12/25 17:24	1

Client Sample ID: T-4 (4')

Lab Sample ID: 880-57969-16

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 19:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 19:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				05/12/25 08:52	05/12/25 19:32	1
1,4-Difluorobenzene (Surr)	114		70 - 130				05/12/25 08:52	05/12/25 19:32	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			05/12/25 19:32	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			05/09/25 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 22:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 22:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 22:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	120		70 - 130				05/09/25 10:41	05/09/25 22:13	1
o-Terphenyl (Surr)	110		70 - 130				05/09/25 10:41	05/09/25 22:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2810	F1	49.9		mg/Kg			05/12/25 11:59	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (5')

Lab Sample ID: 880-57969-17

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 19:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 19:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	05/12/25 08:52	05/12/25 19:52	1
1,4-Difluorobenzene (Surr)	120		70 - 130	05/12/25 08:52	05/12/25 19:52	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			05/12/25 19:52	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			05/09/25 22:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/09/25 22:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/09/25 22:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/09/25 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	117		70 - 130	05/09/25 10:41	05/09/25 22:31	1
o-Terphenyl (Surr)	108		70 - 130	05/09/25 10:41	05/09/25 22:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		9.98		mg/Kg			05/12/25 12:22	1

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

Lab Sample ID: 880-57969-18

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 20:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 20:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	05/12/25 08:52	05/12/25 20:13	1
1,4-Difluorobenzene (Surr)	114		70 - 130	05/12/25 08:52	05/12/25 20:13	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-18

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/12/25 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/09/25 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 22:46	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 22:46	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 22:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				05/09/25 10:41	05/09/25 22:46	1
o-Terphenyl (Surr)	106		70 - 130				05/09/25 10:41	05/09/25 22:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		9.94		mg/Kg			05/12/25 12:30	1

Client Sample ID: T-5 (2')

Lab Sample ID: 880-57969-19

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 20:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				05/12/25 08:52	05/12/25 20:33	1
1,4-Difluorobenzene (Surr)	122		70 - 130				05/12/25 08:52	05/12/25 20:33	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			05/12/25 20:33	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			05/09/25 23:02	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	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 23:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 23:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (2')

Lab Sample ID: 880-57969-19

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/09/25 23:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				05/09/25 10:41	05/09/25 23:02	1
o-Terphenyl (Surr)	104		70 - 130				05/09/25 10:41	05/09/25 23:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		9.96		mg/Kg			05/12/25 12:38	1

Client Sample ID: T-5 (3')

Lab Sample ID: 880-57969-20

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 20:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/12/25 08:52	05/12/25 20:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130				05/12/25 08:52	05/12/25 20:54	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/12/25 08:52	05/12/25 20:54	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/12/25 20:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/09/25 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 23:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/09/25 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	116		70 - 130				05/09/25 10:41	05/09/25 23:17	1
o-Terphenyl (Surr)	106		70 - 130				05/09/25 10:41	05/09/25 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		9.90		mg/Kg			05/12/25 12:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-57969-21

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:19	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/09/25 10:52	05/09/25 17:19	1
1,4-Difluorobenzene (Surr)	83		70 - 130	05/09/25 10:52	05/09/25 17:19	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			05/09/25 17:19	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			05/09/25 23:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		05/09/25 10:41	05/09/25 23:49	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		05/09/25 10:41	05/09/25 23:49	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		05/09/25 10:41	05/09/25 23:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	05/09/25 10:41	05/09/25 23:49	1
o-Terphenyl (Surr)	105		70 - 130	05/09/25 10:41	05/09/25 23:49	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	136		9.90		mg/Kg			05/12/25 13:09	1

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-57969-22

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 17:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 17:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	05/09/25 10:52	05/09/25 17:39	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/09/25 10:52	05/09/25 17:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-57969-22

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 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	<50.1	U	50.1		mg/Kg			05/10/25 00:04	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		05/09/25 10:41	05/10/25 00:04	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 00:04	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 00:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130				05/09/25 10:41	05/10/25 00:04	1
o-Terphenyl (Surr)	105		70 - 130				05/09/25 10:41	05/10/25 00:04	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3330		50.2		mg/Kg			05/12/25 13:16	5

Client Sample ID: T-6 (2')

Lab Sample ID: 880-57969-23

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 18:00	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/09/25 10:52	05/09/25 18:00	1
1,4-Difluorobenzene (Surr)	88		70 - 130				05/09/25 10:52	05/09/25 18:00	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			05/09/25 18:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/10/25 00:20	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		05/09/25 10:41	05/10/25 00:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (2')

Lab Sample ID: 880-57969-23

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:41	05/10/25 00:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130				05/09/25 10:41	05/10/25 00:20	1
o-Terphenyl (Surr)	105		70 - 130				05/09/25 10:41	05/10/25 00:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5180		49.7		mg/Kg			05/12/25 13:24	5

Client Sample ID: T-6 (3')

Lab Sample ID: 880-57969-24

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 18:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130				05/09/25 10:52	05/09/25 18:21	1
1,4-Difluorobenzene (Surr)	77		70 - 130				05/09/25 10:52	05/09/25 18:21	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			05/09/25 18:21	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			05/10/25 00:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 00:36	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 00:36	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 00:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				05/09/25 10:41	05/10/25 00:36	1
o-Terphenyl (Surr)	105		70 - 130				05/09/25 10:41	05/10/25 00:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5800		99.8		mg/Kg			05/12/25 13:32	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (4')

Lab Sample ID: 880-57969-25

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 18:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 18:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/09/25 10:52	05/09/25 18:41	1
1,4-Difluorobenzene (Surr)	89		70 - 130	05/09/25 10:52	05/09/25 18:41	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			05/09/25 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/10/25 00:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 00:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	05/09/25 10:41	05/10/25 00:52	1
o-Terphenyl (Surr)	107		70 - 130	05/09/25 10:41	05/10/25 00:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5610		100		mg/Kg			05/12/25 13:40	10

Client Sample ID: T-6 (5')

Lab Sample ID: 880-57969-26

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 19:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 19:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130	05/09/25 10:52	05/09/25 19:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/09/25 10:52	05/09/25 19:02	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (5')

Lab Sample ID: 880-57969-26

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 19:02	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			05/10/25 01:07	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	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 01:07	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 01:07	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:41	05/10/25 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130				05/09/25 10:41	05/10/25 01:07	1
o-Terphenyl (Surr)	108		70 - 130				05/09/25 10:41	05/10/25 01:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	630		9.90		mg/Kg			05/12/25 13:48	1

Client Sample ID: T-6 (6')

Lab Sample ID: 880-57969-27

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 19:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 19:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				05/09/25 10:52	05/09/25 19:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130				05/09/25 10:52	05/09/25 19:22	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			05/09/25 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/10/25 01:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/10/25 01:24	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/10/25 01:24	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (6')

Lab Sample ID: 880-57969-27

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:41	05/10/25 01:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130				05/09/25 10:41	05/10/25 01:24	1
o-Terphenyl (Surr)	106		70 - 130				05/09/25 10:41	05/10/25 01:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		9.98		mg/Kg			05/12/25 14:11	1

Client Sample ID: T-7 (0-1')

Lab Sample ID: 880-57969-28

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 19:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 19:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130				05/09/25 10:52	05/09/25 19:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/09/25 10:52	05/09/25 19:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/10/25 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 01:39	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 01:39	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 10:41	05/10/25 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130				05/09/25 10:41	05/10/25 01:39	1
o-Terphenyl (Surr)	101		70 - 130				05/09/25 10:41	05/10/25 01:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		9.96		mg/Kg			05/12/25 14:19	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (2')

Lab Sample ID: 880-57969-29

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 20:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/09/25 10:52	05/09/25 20:03	1
1,4-Difluorobenzene (Surr)	83		70 - 130	05/09/25 10:52	05/09/25 20:03	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			05/09/25 20:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/10/25 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/10/25 01:54	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/10/25 01:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:41	05/10/25 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	05/09/25 10:41	05/10/25 01:54	1
o-Terphenyl (Surr)	102		70 - 130	05/09/25 10:41	05/10/25 01:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		10.0		mg/Kg			05/12/25 14:42	1

Client Sample ID: T-7 (3')

Lab Sample ID: 880-57969-30

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 20:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 20:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/09/25 10:52	05/09/25 20:23	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/09/25 10:52	05/09/25 20:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (3')

Lab Sample ID: 880-57969-30

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 20:23	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			05/10/25 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 02:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 02:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:41	05/10/25 02:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130				05/09/25 10:41	05/10/25 02:10	1
o-Terphenyl (Surr)	99		70 - 130				05/09/25 10:41	05/10/25 02:10	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	135		10.1		mg/Kg			05/12/25 14:50	1

Client Sample ID: T-7 (4')

Lab Sample ID: 880-57969-31

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 21:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				05/09/25 10:52	05/09/25 21:27	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/09/25 10:52	05/09/25 21:27	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			05/09/25 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		05/09/25 10:59	05/12/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		05/09/25 10:59	05/12/25 21:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (4')

Lab Sample ID: 880-57969-31

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/12/25 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				05/09/25 10:59	05/12/25 21:30	1
o-Terphenyl (Surr)	126		70 - 130				05/09/25 10:59	05/12/25 21:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		9.94		mg/Kg			05/12/25 14:57	1

Client Sample ID: T-8 (0-1')

Lab Sample ID: 880-57969-32

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 21:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/09/25 10:52	05/09/25 21:47	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/09/25 10:52	05/09/25 21:47	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/09/25 21:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 22:18	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		05/09/25 10:59	05/12/25 22:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	145	S1+	70 - 130				05/09/25 10:59	05/12/25 22:18	1
o-Terphenyl (Surr)	133	S1+	70 - 130				05/09/25 10:59	05/12/25 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		9.98		mg/Kg			05/12/25 15:05	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-8 (2')

Lab Sample ID: 880-57969-33

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 22:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:52	05/09/25 22:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:52	05/09/25 22:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/09/25 10:52	05/09/25 22:08	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/09/25 10:52	05/09/25 22:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 22:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 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	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 22:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	132	S1+	70 - 130	05/09/25 10:59	05/12/25 22:35	1
o-Terphenyl (Surr)	122		70 - 130	05/09/25 10:59	05/12/25 22:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	198		9.96		mg/Kg			05/12/25 15:13	1

Client Sample ID: T-8 (3')

Lab Sample ID: 880-57969-34

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 22:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 22:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130	05/09/25 10:52	05/09/25 22:28	1
1,4-Difluorobenzene (Surr)	85		70 - 130	05/09/25 10:52	05/09/25 22:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-8 (3')

Lab Sample ID: 880-57969-34

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 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	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 22:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 22:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 22:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	139	S1+	70 - 130				05/09/25 10:59	05/12/25 22:51	1
o-Terphenyl (Surr)	128		70 - 130				05/09/25 10:59	05/12/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		10.0		mg/Kg			05/12/25 15:21	1

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-57969-35

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 22:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/09/25 22:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130				05/09/25 10:52	05/09/25 22:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130				05/09/25 10:52	05/09/25 22:49	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			05/09/25 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 23:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 23:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/12/25 23:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-9 (0-1')

Lab Sample ID: 880-57969-35

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/12/25 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				05/09/25 10:59	05/12/25 23:08	1
o-Terphenyl (Surr)	111		70 - 130				05/09/25 10:59	05/12/25 23:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		10.1		mg/Kg			05/12/25 15:28	1

Client Sample ID: T-9 (2')

Lab Sample ID: 880-57969-36

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 23:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/09/25 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130				05/09/25 10:52	05/09/25 23:10	1
1,4-Difluorobenzene (Surr)	86		70 - 130				05/09/25 10:52	05/09/25 23:10	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			05/09/25 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 23:23	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		05/09/25 10:59	05/12/25 23:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	124		70 - 130				05/09/25 10:59	05/12/25 23:23	1
o-Terphenyl (Surr)	113		70 - 130				05/09/25 10:59	05/12/25 23:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		10.1		mg/Kg			05/12/25 13:04	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-9 (3')

Lab Sample ID: 880-57969-37

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:52	05/09/25 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:52	05/09/25 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/09/25 10:52	05/09/25 23:30	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/09/25 10:52	05/09/25 23:30	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			05/09/25 23:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/12/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/12/25 23:39	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/12/25 23:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/12/25 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130	05/09/25 10:59	05/12/25 23:39	1
o-Terphenyl (Surr)	122		70 - 130	05/09/25 10:59	05/12/25 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		10.1		mg/Kg			05/12/25 13:19	1

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-57969-38

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/09/25 23:51	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:52	05/09/25 23:51	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:52	05/09/25 23:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	05/09/25 10:52	05/09/25 23:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/09/25 10:52	05/09/25 23:51	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (0-1')

Lab Sample ID: 880-57969-38

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 23:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 23:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				05/09/25 10:59	05/12/25 23:55	1
o-Terphenyl (Surr)	110		70 - 130				05/09/25 10:59	05/12/25 23:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.7		10.1		mg/Kg			05/12/25 13:25	1

Client Sample ID: T-10 (2')

Lab Sample ID: 880-57969-39

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/10/25 00:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:52	05/10/25 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130				05/09/25 10:52	05/10/25 00:11	1
1,4-Difluorobenzene (Surr)	100		70 - 130				05/09/25 10:52	05/10/25 00:11	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			05/10/25 00:11	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			05/13/25 00:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (2')

Lab Sample ID: 880-57969-39

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/13/25 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	S1+	70 - 130				05/09/25 10:59	05/13/25 00:11	1
o-Terphenyl (Surr)	131	S1+	70 - 130				05/09/25 10:59	05/13/25 00:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	125		10.1		mg/Kg			05/12/25 13:30	1

Client Sample ID: T-10 (3')

Lab Sample ID: 880-57969-40

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:52	05/10/25 00:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:52	05/10/25 00:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130				05/09/25 10:52	05/10/25 00:32	1
1,4-Difluorobenzene (Surr)	68	S1-	70 - 130				05/09/25 10:52	05/10/25 00:32	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			05/10/25 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/25 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	137	S1+	70 - 130				05/09/25 10:59	05/13/25 00:27	1
o-Terphenyl (Surr)	122		70 - 130				05/09/25 10:59	05/13/25 00:27	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		9.98		mg/Kg			05/12/25 13:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (4')

Lab Sample ID: 880-57969-41

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 00:32	1
Toluene	<0.00200	U F1	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
Ethylbenzene	<0.00200	U F1	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:32	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/09/25 10:53	05/13/25 00:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/09/25 10:53	05/13/25 00:32	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			05/13/25 00:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/25 00:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 00:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	121		70 - 130	05/09/25 10:59	05/13/25 00:58	1
o-Terphenyl (Surr)	109		70 - 130	05/09/25 10:59	05/13/25 00:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	133		9.98		mg/Kg			05/12/25 13:51	1

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-57969-42

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 00:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	05/09/25 10:53	05/13/25 00:53	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/09/25 10:53	05/13/25 00:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (0-1')

Lab Sample ID: 880-57969-42

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/13/25 00:53	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			05/13/25 01:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 01:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 01:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 01:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130				05/09/25 10:59	05/13/25 01:14	1
o-Terphenyl (Surr)	113		70 - 130				05/09/25 10:59	05/13/25 01:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2760		49.6		mg/Kg			05/12/25 13:56	5

Client Sample ID: T-11 (2')

Lab Sample ID: 880-57969-43

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 01:13	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 01:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				05/09/25 10:53	05/13/25 01:13	1
1,4-Difluorobenzene (Surr)	110		70 - 130				05/09/25 10:53	05/13/25 01:13	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/13/25 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/25 01:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 01:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 01:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (2')

Lab Sample ID: 880-57969-43

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/13/25 01:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130				05/09/25 10:59	05/13/25 01:30	1
o-Terphenyl (Surr)	76		70 - 130				05/09/25 10:59	05/13/25 01:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3160		50.2		mg/Kg			05/12/25 14:01	5

Client Sample ID: T-11 (3')

Lab Sample ID: 880-57969-44

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 01:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130				05/09/25 10:53	05/13/25 01:34	1
1,4-Difluorobenzene (Surr)	118		70 - 130				05/09/25 10:53	05/13/25 01:34	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			05/13/25 01:34	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			05/13/25 01:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 01:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 01:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 01:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	150	S1+	70 - 130				05/09/25 10:59	05/13/25 01:46	1
o-Terphenyl (Surr)	139	S1+	70 - 130				05/09/25 10:59	05/13/25 01:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2170		50.5		mg/Kg			05/12/25 14:06	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (4')

Lab Sample ID: 880-57969-45

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 01:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 01:54	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 01:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	05/09/25 10:53	05/13/25 01:54	1
1,4-Difluorobenzene (Surr)	112		70 - 130	05/09/25 10:53	05/13/25 01:54	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			05/13/25 01:54	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			05/13/25 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	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:02	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	130		70 - 130	05/09/25 10:59	05/13/25 02:02	1
o-Terphenyl (Surr)	121		70 - 130	05/09/25 10:59	05/13/25 02:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	144		9.94		mg/Kg			05/12/25 14:11	1

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-57969-46

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 02:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 02:15	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 02:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	05/09/25 10:53	05/13/25 02:15	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/09/25 10:53	05/13/25 02:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (0-1')

Lab Sample ID: 880-57969-46

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/13/25 02:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/13/25 02:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130				05/09/25 10:59	05/13/25 02:18	1
o-Terphenyl (Surr)	133	S1+	70 - 130				05/09/25 10:59	05/13/25 02:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	152	F1	9.98		mg/Kg			05/12/25 14:17	1

Client Sample ID: T-12 (2')

Lab Sample ID: 880-57969-47

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 02:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				05/09/25 10:53	05/13/25 02:35	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/09/25 10:53	05/13/25 02:35	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			05/13/25 02:35	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			05/13/25 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 02:35	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (2')

Lab Sample ID: 880-57969-47

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:59	05/13/25 02:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				05/09/25 10:59	05/13/25 02:35	1
o-Terphenyl (Surr)	113		70 - 130				05/09/25 10:59	05/13/25 02:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		9.98		mg/Kg			05/12/25 14:32	1

Client Sample ID: T-12 (3')

Lab Sample ID: 880-57969-48

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 02:56	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 02:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130				05/09/25 10:53	05/13/25 02:56	1
1,4-Difluorobenzene (Surr)	113		70 - 130				05/09/25 10:53	05/13/25 02:56	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			05/13/25 02:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/13/25 02:50	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	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:59	05/13/25 02:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	133	S1+	70 - 130				05/09/25 10:59	05/13/25 02:50	1
o-Terphenyl (Surr)	122		70 - 130				05/09/25 10:59	05/13/25 02:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		10.1		mg/Kg			05/12/25 14:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (4')

Lab Sample ID: 880-57969-49

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 03:16	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:16	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130	05/09/25 10:53	05/13/25 03:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130	05/09/25 10:53	05/13/25 03:16	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/13/25 03:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/13/25 03:07	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	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:59	05/13/25 03:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	150	S1+	70 - 130	05/09/25 10:59	05/13/25 03:07	1
o-Terphenyl (Surr)	137	S1+	70 - 130	05/09/25 10:59	05/13/25 03:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	215		9.94		mg/Kg			05/12/25 14:53	1

Client Sample ID: T-13 (0-1')

Lab Sample ID: 880-57969-50

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 03:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 03:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	05/09/25 10:53	05/13/25 03:37	1
1,4-Difluorobenzene (Surr)	106		70 - 130	05/09/25 10:53	05/13/25 03:37	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-13 (0-1')

Lab Sample ID: 880-57969-50

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/13/25 03:37	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			05/13/25 03:23	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		05/09/25 10:59	05/13/25 03:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 03:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/13/25 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	136	S1+	70 - 130				05/09/25 10:59	05/13/25 03:23	1
o-Terphenyl (Surr)	125		70 - 130				05/09/25 10:59	05/13/25 03:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	740		9.92		mg/Kg			05/12/25 14:58	1

Client Sample ID: T-13 (2')

Lab Sample ID: 880-57969-51

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 05:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130				05/09/25 10:53	05/13/25 05:27	1
1,4-Difluorobenzene (Surr)	103		70 - 130				05/09/25 10:53	05/13/25 05:27	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			05/13/25 05:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 18:32	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 F1	50.0		mg/Kg		05/09/25 11:00	05/10/25 18:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		05/09/25 11:00	05/10/25 18:32	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-13 (2')

Lab Sample ID: 880-57969-51

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 18:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	158	S1+	70 - 130				05/09/25 11:00	05/10/25 18:32	1
o-Terphenyl (Surr)	144	S1+	70 - 130				05/09/25 11:00	05/10/25 18:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	857		9.94		mg/Kg			05/13/25 12:07	1

Client Sample ID: T-13 (3')

Lab Sample ID: 880-57969-52

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 05:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 05:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130				05/09/25 10:53	05/13/25 05:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130				05/09/25 10:53	05/13/25 05:47	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			05/13/25 05:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 19:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	149	S1+	70 - 130				05/09/25 11:00	05/10/25 19:16	1
o-Terphenyl (Surr)	136	S1+	70 - 130				05/09/25 11:00	05/10/25 19:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	150		9.98		mg/Kg			05/13/25 12:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-57969-53

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 06:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:53	05/13/25 06:08	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:53	05/13/25 06:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/09/25 10:53	05/13/25 06:08	1
1,4-Difluorobenzene (Surr)	113		70 - 130	05/09/25 10:53	05/13/25 06:08	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			05/13/25 06:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	155	S1+	70 - 130	05/09/25 11:00	05/10/25 19:31	1
o-Terphenyl (Surr)	140	S1+	70 - 130	05/09/25 11:00	05/10/25 19:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.0		9.94		mg/Kg			05/13/25 12:35	1

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 06:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 06:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	05/09/25 10:53	05/13/25 06:28	1
1,4-Difluorobenzene (Surr)	106		70 - 130	05/09/25 10:53	05/13/25 06:28	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/13/25 06:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/10/25 19:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 19:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 19:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 19:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	151	S1+	70 - 130				05/09/25 11:00	05/10/25 19:46	1
o-Terphenyl (Surr)	137	S1+	70 - 130				05/09/25 11:00	05/10/25 19:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		9.96		mg/Kg			05/13/25 12:42	1

Client Sample ID: T-14 (3')

Lab Sample ID: 880-57969-55

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 06:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				05/09/25 10:53	05/13/25 06:48	1
1,4-Difluorobenzene (Surr)	117		70 - 130				05/09/25 10:53	05/13/25 06:48	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			05/13/25 06:48	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			05/10/25 20:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 20:01	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 20:01	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (3')

Lab Sample ID: 880-57969-55

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 20:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	153	S1+	70 - 130				05/09/25 11:00	05/10/25 20:01	1
o-Terphenyl (Surr)	140	S1+	70 - 130				05/09/25 11:00	05/10/25 20:01	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		9.94		mg/Kg			05/13/25 12:49	1

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-57969-56

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 07:09	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 07:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	257	S1+	70 - 130				05/09/25 10:53	05/13/25 07:09	1
1,4-Difluorobenzene (Surr)	99		70 - 130				05/09/25 10:53	05/13/25 07:09	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			05/13/25 07:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/10/25 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 20:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 20:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 20:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130				05/09/25 11:00	05/10/25 20:16	1
o-Terphenyl (Surr)	139	S1+	70 - 130				05/09/25 11:00	05/10/25 20:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	674		9.92		mg/Kg			05/13/25 13:11	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (2')

Lab Sample ID: 880-57969-57

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 07:29	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:53	05/13/25 07:29	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:53	05/13/25 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	05/09/25 10:53	05/13/25 07:29	1
1,4-Difluorobenzene (Surr)	106		70 - 130	05/09/25 10:53	05/13/25 07:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/13/25 07:29	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			05/10/25 20:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 20:31	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 20:31	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	153	S1+	70 - 130	05/09/25 11:00	05/10/25 20:31	1
o-Terphenyl (Surr)	140	S1+	70 - 130	05/09/25 11:00	05/10/25 20:31	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4710		50.0		mg/Kg			05/13/25 13:18	5

Client Sample ID: T-15 (3')

Lab Sample ID: 880-57969-58

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 07:50	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:53	05/13/25 07:50	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:53	05/13/25 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	05/09/25 10:53	05/13/25 07:50	1
1,4-Difluorobenzene (Surr)	110		70 - 130	05/09/25 10:53	05/13/25 07:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (3')

Lab Sample ID: 880-57969-58

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/13/25 07:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 20:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 20:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 20:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 20:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	149	S1+	70 - 130				05/09/25 11:00	05/10/25 20:45	1
o-Terphenyl (Surr)	137	S1+	70 - 130				05/09/25 11:00	05/10/25 20:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	319		10.1		mg/Kg			05/13/25 14:57	1

Client Sample ID: T-15 (4')

Lab Sample ID: 880-57969-59

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 08:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:53	05/13/25 08:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	264	S1+	70 - 130				05/09/25 10:53	05/13/25 08:10	1
1,4-Difluorobenzene (Surr)	121		70 - 130				05/09/25 10:53	05/13/25 08:10	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			05/13/25 08:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 21:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:00	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (4')

Lab Sample ID: 880-57969-59

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 21:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	146	S1+	70 - 130				05/09/25 11:00	05/10/25 21:00	1
o-Terphenyl (Surr)	135	S1+	70 - 130				05/09/25 11:00	05/10/25 21:00	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		10.1		mg/Kg			05/13/25 13:32	1

Client Sample ID: T-16 (0-1')

Lab Sample ID: 880-57969-60

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:53	05/13/25 08:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:53	05/13/25 08:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130				05/09/25 10:53	05/13/25 08:31	1
1,4-Difluorobenzene (Surr)	110		70 - 130				05/09/25 10:53	05/13/25 08:31	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			05/13/25 08:31	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			05/10/25 21:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 21:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 21:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 11:00	05/10/25 21:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	142	S1+	70 - 130				05/09/25 11:00	05/10/25 21:14	1
o-Terphenyl (Surr)	131	S1+	70 - 130				05/09/25 11:00	05/10/25 21:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3880		49.8		mg/Kg			05/13/25 13:39	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (2')

Lab Sample ID: 880-57969-61

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 20:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:56	05/09/25 20:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:56	05/09/25 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130	05/09/25 10:56	05/09/25 20:02	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/09/25 10:56	05/09/25 20:02	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			05/09/25 20:02	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			05/10/25 21:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130	05/09/25 11:00	05/10/25 21:44	1
o-Terphenyl (Surr)	132	S1+	70 - 130	05/09/25 11:00	05/10/25 21:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710	F1	49.5		mg/Kg			05/13/25 13:46	5

Client Sample ID: T-16 (3')

Lab Sample ID: 880-57969-62

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 20:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 20:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	05/09/25 10:56	05/09/25 20:23	1
1,4-Difluorobenzene (Surr)	109		70 - 130	05/09/25 10:56	05/09/25 20:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (3')

Lab Sample ID: 880-57969-62

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 21:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 21:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	143	S1+	70 - 130				05/09/25 11:00	05/10/25 21:58	1
o-Terphenyl (Surr)	132	S1+	70 - 130				05/09/25 11:00	05/10/25 21:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	471		9.90		mg/Kg			05/13/25 14:07	1

Client Sample ID: T-16 (4')

Lab Sample ID: 880-57969-63

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 20:43	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 20:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130				05/09/25 10:56	05/09/25 20:43	1
1,4-Difluorobenzene (Surr)	108		70 - 130				05/09/25 10:56	05/09/25 20:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 20:43	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			05/10/25 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:14	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (4')

Lab Sample ID: 880-57969-63

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 11:00	05/10/25 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130				05/09/25 11:00	05/10/25 22:14	1
o-Terphenyl (Surr)	134	S1+	70 - 130				05/09/25 11:00	05/10/25 22:14	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		10.0		mg/Kg			05/13/25 14:14	1

Client Sample ID: T-17 (0-1')

Lab Sample ID: 880-57969-64

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 21:03	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130				05/09/25 10:56	05/09/25 21:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130				05/09/25 10:56	05/09/25 21:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/10/25 22:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 22:28	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 22:28	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/09/25 11:00	05/10/25 22:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	148	S1+	70 - 130				05/09/25 11:00	05/10/25 22:28	1
o-Terphenyl (Surr)	133	S1+	70 - 130				05/09/25 11:00	05/10/25 22:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	396		9.96		mg/Kg			05/13/25 14:36	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (2')

Lab Sample ID: 880-57969-65

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 21:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 21:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 21:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	05/09/25 10:56	05/09/25 21:24	1
1,4-Difluorobenzene (Surr)	112		70 - 130	05/09/25 10:56	05/09/25 21:24	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 21:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/10/25 22:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:44	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:44	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	149	S1+	70 - 130	05/09/25 11:00	05/10/25 22:44	1
o-Terphenyl (Surr)	136	S1+	70 - 130	05/09/25 11:00	05/10/25 22:44	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2560		49.9		mg/Kg			05/13/25 14:43	5

Client Sample ID: T-17 (3')

Lab Sample ID: 880-57969-66

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 23:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		05/09/25 10:56	05/09/25 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	05/09/25 10:56	05/09/25 23:14	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/09/25 10:56	05/09/25 23:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (3')

Lab Sample ID: 880-57969-66

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 22:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 22:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130				05/09/25 11:00	05/10/25 22:58	1
o-Terphenyl (Surr)	134	S1+	70 - 130				05/09/25 11:00	05/10/25 22:58	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	422		10.0		mg/Kg			05/13/25 14:50	1

Client Sample ID: T-17 (4')

Lab Sample ID: 880-57969-67

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 23:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 23:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/09/25 10:56	05/09/25 23:34	1
1,4-Difluorobenzene (Surr)	119		70 - 130				05/09/25 10:56	05/09/25 23:34	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 23:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/10/25 23:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 23:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 23:14	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (4')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-67
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		05/09/25 11:00	05/10/25 23:14	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	147	S1+	70 - 130				05/09/25 11:00	05/10/25 23:14	1	
o-Terphenyl (Surr)	135	S1+	70 - 130				05/09/25 11:00	05/10/25 23:14	1	
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	444		10.0		mg/Kg			05/12/25 21:58	1	

Client Sample ID: T-17 (5')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-68
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		05/09/25 10:56	05/09/25 23:55	1	
Toluene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:55	1	
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:55	1	
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 23:55	1	
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/09/25 10:56	05/09/25 23:55	1	
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/09/25 10:56	05/09/25 23:55	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130				05/09/25 10:56	05/09/25 23:55	1	
1,4-Difluorobenzene (Surr)	111		70 - 130				05/09/25 10:56	05/09/25 23:55	1	

Method: TAL SOP Total BTEX - Total BTEX Calculation										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/09/25 23:55	1	

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Total TPH	<49.8	U	49.8		mg/Kg			05/10/25 23:28	1	

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 23:28	1	
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 23:28	1	
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 11:00	05/10/25 23:28	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	150	S1+	70 - 130				05/09/25 11:00	05/10/25 23:28	1	
o-Terphenyl (Surr)	136	S1+	70 - 130				05/09/25 11:00	05/10/25 23:28	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	228		10.1		mg/Kg			05/12/25 22:13	1	

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-57968-A-11-C MS	Matrix Spike	104	100
880-57968-A-11-D MSD	Matrix Spike Duplicate	113	110
880-57969-1	T-1 (0-1')	107	105
880-57969-1 MS	T-1 (0-1')	99	107
880-57969-1 MSD	T-1 (0-1')	101	107
880-57969-2	T-1 (2')	96	100
880-57969-3	T-1 (3')	105	95
880-57969-4	T-1 (4')	103	98
880-57969-5	T-2 (0-1')	98	102
880-57969-6	T-2 (2')	102	97
880-57969-7	T-2 (3')	99	103
880-57969-8	T-2 (4')	99	102
880-57969-9	T-3 (0-1')	98	100
880-57969-10	T-3 (2')	102	96
880-57969-11	T-3 (3')	99	101
880-57969-12	T-3 (4')	126	113
880-57969-13	T-4 (0-1')	142 S1+	115
880-57969-14	T-4 (2')	124	102
880-57969-15	T-4 (3')	133 S1+	122
880-57969-16	T-4 (4')	127	114
880-57969-17	T-4 (5')	141 S1+	120
880-57969-18	T-5 (0-1')	131 S1+	114
880-57969-19	T-5 (2')	134 S1+	122
880-57969-20	T-5 (3')	122	102
880-57969-21	T-5 (4')	94	83
880-57969-21 MS	T-5 (4')	110	94
880-57969-21 MSD	T-5 (4')	96	103
880-57969-22	T-6 (0-1')	89	99
880-57969-23	T-6 (2')	101	88
880-57969-24	T-6 (3')	94	77
880-57969-25	T-6 (4')	106	89
880-57969-26	T-6 (5')	89	94
880-57969-27	T-6 (6')	92	97
880-57969-28	T-7 (0-1')	80	92
880-57969-29	T-7 (2')	96	83
880-57969-30	T-7 (3')	87	94
880-57969-31	T-7 (4')	92	100
880-57969-32	T-8 (0-1')	95	98
880-57969-33	T-8 (2')	94	95
880-57969-34	T-8 (3')	74	85
880-57969-35	T-9 (0-1')	92	96
880-57969-36	T-9 (2')	95	86
880-57969-37	T-9 (3')	94	92
880-57969-38	T-10 (0-1')	87	99
880-57969-39	T-10 (2')	100	100
880-57969-40	T-10 (3')	102	68 S1-
880-57969-41	T-10 (4')	101	98
880-57969-41 MS	T-10 (4')	111	123
880-57969-41 MSD	T-10 (4')	105	100

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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)
880-57969-42	T-11 (0-1')	120	115
880-57969-43	T-11 (2')	116	110
880-57969-44	T-11 (3')	124	118
880-57969-45	T-11 (4')	129	112
880-57969-46	T-12 (0-1')	128	115
880-57969-47	T-12 (2')	125	108
880-57969-48	T-12 (3')	137 S1+	113
880-57969-49	T-12 (4')	174 S1+	105
880-57969-50	T-13 (0-1')	122	106
880-57969-51	T-13 (2')	99	103
880-57969-52	T-13 (3')	117	109
880-57969-53	T-14 (0-1')	112	113
880-57969-54	T-14 (2')	131 S1+	106
880-57969-55	T-14 (3')	125	117
880-57969-56	T-15 (0-1')	257 S1+	99
880-57969-57	T-15 (2')	122	106
880-57969-58	T-15 (3')	123	110
880-57969-59	T-15 (4')	264 S1+	121
880-57969-60	T-16 (0-1')	120	110
880-57969-61	T-16 (2')	129	115
880-57969-62	T-16 (3')	126	109
880-57969-63	T-16 (4')	116	108
880-57969-64	T-17 (0-1')	125	107
880-57969-65	T-17 (2')	131 S1+	112
880-57969-66	T-17 (3')	112	115
880-57969-67	T-17 (4')	126	119
880-57969-68	T-17 (5')	132 S1+	111
LCS 880-109779/1-A	Lab Control Sample	103	106
LCS 880-109780/1-A	Lab Control Sample	110	107
LCS 880-109781/1-A	Lab Control Sample	102	99
LCS 880-109782/1-A	Lab Control Sample	107	100
LCS 880-109922/1-A	Lab Control Sample	101	103
LCSD 880-109779/2-A	Lab Control Sample Dup	100	107
LCSD 880-109780/2-A	Lab Control Sample Dup	101	94
LCSD 880-109781/2-A	Lab Control Sample Dup	110	100
LCSD 880-109782/2-A	Lab Control Sample Dup	103	113
LCSD 880-109922/2-A	Lab Control Sample Dup	111	101
MB 880-109779/5-A	Method Blank	94	97
MB 880-109780/5-A	Method Blank	82	90
MB 880-109781/5-A	Method Blank	162 S1+	101
MB 880-109782/5-A	Method Blank	154 S1+	100
MB 880-109922/5-A	Method Blank	164 S1+	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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)
880-57968-A-6-B MS	Matrix Spike	97	104
880-57968-A-6-C MSD	Matrix Spike Duplicate	98	105
880-57969-1	T-1 (0-1')	102	99
880-57969-2	T-1 (2')	112	110
880-57969-3	T-1 (3')	107	108
880-57969-4	T-1 (4')	107	105
880-57969-5	T-2 (0-1')	106	105
880-57969-6	T-2 (2')	99	99
880-57969-7	T-2 (3')	111	111
880-57969-8	T-2 (4')	100	101
880-57969-9	T-3 (0-1')	98	98
880-57969-10	T-3 (2')	98	99
880-57969-11	T-3 (3')	119	115
880-57969-11 MS	T-3 (3')	111	116
880-57969-11 MSD	T-3 (3')	134 S1+	115
880-57969-12	T-3 (4')	119	110
880-57969-13	T-4 (0-1')	117	107
880-57969-14	T-4 (2')	117	108
880-57969-15	T-4 (3')	120	110
880-57969-16	T-4 (4')	120	110
880-57969-17	T-4 (5')	117	108
880-57969-18	T-5 (0-1')	115	106
880-57969-19	T-5 (2')	114	104
880-57969-20	T-5 (3')	116	106
880-57969-21	T-5 (4')	115	105
880-57969-22	T-6 (0-1')	114	105
880-57969-23	T-6 (2')	113	105
880-57969-24	T-6 (3')	115	105
880-57969-25	T-6 (4')	115	107
880-57969-26	T-6 (5')	118	108
880-57969-27	T-6 (6')	115	106
880-57969-28	T-7 (0-1')	111	101
880-57969-29	T-7 (2')	112	102
880-57969-30	T-7 (3')	109	99
880-57969-31	T-7 (4')	139 S1+	126
880-57969-31 MS	T-7 (4')	150 S1+	124
880-57969-31 MSD	T-7 (4')	121	121
880-57969-32	T-8 (0-1')	145 S1+	133 S1+
880-57969-33	T-8 (2')	132 S1+	122
880-57969-34	T-8 (3')	139 S1+	128
880-57969-35	T-9 (0-1')	122	111
880-57969-36	T-9 (2')	124	113
880-57969-37	T-9 (3')	133 S1+	122
880-57969-38	T-10 (0-1')	122	110
880-57969-39	T-10 (2')	146 S1+	131 S1+
880-57969-40	T-10 (3')	137 S1+	122
880-57969-41	T-10 (4')	121	109
880-57969-42	T-11 (0-1')	123	113
880-57969-43	T-11 (2')	83	76
880-57969-44	T-11 (3')	150 S1+	139 S1+

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-57969-45	T-11 (4')	130	121
880-57969-46	T-12 (0-1')	144 S1+	133 S1+
880-57969-47	T-12 (2')	122	113
880-57969-48	T-12 (3')	133 S1+	122
880-57969-49	T-12 (4')	150 S1+	137 S1+
880-57969-50	T-13 (0-1')	136 S1+	125
880-57969-51	T-13 (2')	158 S1+	144 S1+
880-57969-51 MS	T-13 (2')	162 S1+	145 S1+
880-57969-51 MSD	T-13 (2')	165 S1+	146 S1+
880-57969-52	T-13 (3')	149 S1+	136 S1+
880-57969-53	T-14 (0-1')	155 S1+	140 S1+
880-57969-54	T-14 (2')	151 S1+	137 S1+
880-57969-55	T-14 (3')	153 S1+	140 S1+
880-57969-56	T-15 (0-1')	154 S1+	139 S1+
880-57969-57	T-15 (2')	153 S1+	140 S1+
880-57969-58	T-15 (3')	149 S1+	137 S1+
880-57969-59	T-15 (4')	146 S1+	135 S1+
880-57969-60	T-16 (0-1')	142 S1+	131 S1+
880-57969-61	T-16 (2')	144 S1+	132 S1+
880-57969-62	T-16 (3')	143 S1+	132 S1+
880-57969-63	T-16 (4')	147 S1+	134 S1+
880-57969-64	T-17 (0-1')	148 S1+	133 S1+
880-57969-65	T-17 (2')	149 S1+	136 S1+
880-57969-66	T-17 (3')	147 S1+	134 S1+
880-57969-67	T-17 (4')	147 S1+	135 S1+
880-57969-68	T-17 (5')	150 S1+	136 S1+
LCS 880-109775/2-A	Lab Control Sample	124	123
LCS 880-109777/2-A	Lab Control Sample	120	120
LCS 880-109783/2-A	Lab Control Sample	133 S1+	129
LCS 880-109784/2-A	Lab Control Sample	163 S1+	137 S1+
LCSD 880-109775/3-A	Lab Control Sample Dup	122	125
LCSD 880-109777/3-A	Lab Control Sample Dup	119	118
LCSD 880-109783/3-A	Lab Control Sample Dup	136 S1+	132 S1+
LCSD 880-109784/3-A	Lab Control Sample Dup	169 S1+	142 S1+
MB 880-109775/1-A	Method Blank	105	100
MB 880-109777/1-A	Method Blank	100	91
MB 880-109783/1-A	Method Blank	127	114
MB 880-109784/1-A	Method Blank	154 S1+	138 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-109779/5-A

Matrix: Solid

Analysis Batch: 109816

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109779

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:50	05/09/25 15:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:50	05/09/25 15:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/09/25 10:50	05/09/25 15:43	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/09/25 10:50	05/09/25 15:43	1

Lab Sample ID: LCS 880-109779/1-A

Matrix: Solid

Analysis Batch: 109816

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109779

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09505		mg/Kg		95	70 - 130
Toluene	0.100	0.08700		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09073		mg/Kg		91	70 - 130
m,p-Xylenes	0.200	0.1915		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09611		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-109779/2-A

Matrix: Solid

Analysis Batch: 109816

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109779

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08823		mg/Kg		88	70 - 130	7	35
Toluene	0.100	0.08580		mg/Kg		86	70 - 130	1	35
Ethylbenzene	0.100	0.08765		mg/Kg		88	70 - 130	3	35
m,p-Xylenes	0.200	0.1800		mg/Kg		90	70 - 130	6	35
o-Xylene	0.100	0.09044		mg/Kg		90	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-57969-1 MS

Matrix: Solid

Analysis Batch: 109816

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

Prep Type: Total/NA

Prep Batch: 109779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.08361		mg/Kg		84	70 - 130
Toluene	<0.00200	U	0.100	0.07828		mg/Kg		78	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-1 MS

Matrix: Solid

Analysis Batch: 109816

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

Prep Type: Total/NA

Prep Batch: 109779

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.100	0.07672		mg/Kg		77	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1615		mg/Kg		81	70 - 130
o-Xylene	<0.00200	U	0.100	0.08178		mg/Kg		82	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-57969-1 MSD

Matrix: Solid

Analysis Batch: 109816

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

Prep Type: Total/NA

Prep Batch: 109779

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	0.08151		mg/Kg		82	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.07962		mg/Kg		80	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.100	0.08170		mg/Kg		82	70 - 130	6	35
m,p-Xylenes	<0.00400	U	0.200	0.1659		mg/Kg		83	70 - 130	3	35
o-Xylene	<0.00200	U	0.100	0.08415		mg/Kg		84	70 - 130	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-109780/5-A

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109780

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:52	05/09/25 16:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:52	05/09/25 16:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	05/09/25 10:52	05/09/25 16:00	1
1,4-Difluorobenzene (Surr)	90		70 - 130	05/09/25 10:52	05/09/25 16:00	1

Lab Sample ID: LCS 880-109780/1-A

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08241		mg/Kg		82	70 - 130
Toluene	0.100	0.07771		mg/Kg		78	70 - 130
Ethylbenzene	0.100	0.08877		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.2014		mg/Kg		101	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109780/1-A

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109780

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.09288		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-109780/2-A

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109780

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.07757		mg/Kg		78	70 - 130	6	35
Toluene	0.100	0.08341		mg/Kg		83	70 - 130	7	35
Ethylbenzene	0.100	0.1025		mg/Kg		102	70 - 130	14	35
m,p-Xylenes	0.200	0.1903		mg/Kg		95	70 - 130	6	35
o-Xylene	0.100	0.08792		mg/Kg		88	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-57969-21 MS

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: T-5 (4')

Prep Type: Total/NA

Prep Batch: 109780

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1	0.100	0.07163		mg/Kg		72	70 - 130
Toluene	<0.00200	U	0.100	0.07671		mg/Kg		77	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09478		mg/Kg		95	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1724		mg/Kg		86	70 - 130
o-Xylene	<0.00200	U	0.100	0.08019		mg/Kg		80	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-57969-21 MSD

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: T-5 (4')

Prep Type: Total/NA

Prep Batch: 109780

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.06458	F1	mg/Kg		65	70 - 130	10	35
Toluene	<0.00200	U	0.100	0.07103		mg/Kg		71	70 - 130	8	35
Ethylbenzene	<0.00200	U	0.100	0.08548		mg/Kg		85	70 - 130	10	35
m,p-Xylenes	<0.00400	U	0.200	0.1619		mg/Kg		81	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.07563		mg/Kg		76	70 - 130	6	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-21 MSD

Matrix: Solid

Analysis Batch: 109841

Client Sample ID: T-5 (4')

Prep Type: Total/NA

Prep Batch: 109780

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-109781/5-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109781

Analyte	MB	MB								
	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1	
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1	
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1	
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:04	1	
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:53	05/13/25 00:04	1	
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:53	05/13/25 00:04	1	
	MB	MB								
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil	Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130				05/09/25 10:53	05/13/25 00:04	1	
1,4-Difluorobenzene (Surr)	101		70 - 130				05/09/25 10:53	05/13/25 00:04	1	

Lab Sample ID: LCS 880-109781/1-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109781

Analyte	Spike	LCS	LCS							
	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Benzene	0.100	0.09601		mg/Kg		96	70 - 130			
Toluene	0.100	0.07892		mg/Kg		79	70 - 130			
Ethylbenzene	0.100	0.08409		mg/Kg		84	70 - 130			
m,p-Xylenes	0.200	0.1874		mg/Kg		94	70 - 130			
o-Xylene	0.100	0.09775		mg/Kg		98	70 - 130			
	LCS	LCS								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	102		70 - 130							
1,4-Difluorobenzene (Surr)	99		70 - 130							

Lab Sample ID: LCSD 880-109781/2-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109781

Analyte	Spike	LCSD	LCSD							
	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Benzene	0.100	0.09886		mg/Kg		99	70 - 130	3	35	
Toluene	0.100	0.08203		mg/Kg		82	70 - 130	4	35	
Ethylbenzene	0.100	0.08983		mg/Kg		90	70 - 130	7	35	
m,p-Xylenes	0.200	0.2100		mg/Kg		105	70 - 130	11	35	
o-Xylene	0.100	0.1086		mg/Kg		109	70 - 130	11	35	
	LCSD	LCSD								
Surrogate	%Recovery	Qualifier	Limits							
4-Bromofluorobenzene (Surr)	110		70 - 130							

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109781/2-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109781

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

Lab Sample ID: 880-57969-41 MS

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: T-10 (4')

Prep Type: Total/NA

Prep Batch: 109781

	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Benzene	<0.00200	U	0.100	0.08159		mg/Kg		82	70 - 130
Toluene	<0.00200	U F1	0.100	0.04858	F1	mg/Kg		49	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.05821	F1	mg/Kg		58	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1462		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.100	0.08657		mg/Kg		87	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: 880-57969-41 MSD

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: T-10 (4')

Prep Type: Total/NA

Prep Batch: 109781

	Sample	Sample	Spike	MSD	MSD				%Rec	RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	Limit
Benzene	<0.00200	U	0.100	0.07763		mg/Kg		78	70 - 130	35
Toluene	<0.00200	U F1	0.100	0.05628	F1	mg/Kg		56	70 - 130	35
Ethylbenzene	<0.00200	U F1	0.100	0.05452	F1	mg/Kg		55	70 - 130	35
m,p-Xylenes	<0.00400	U	0.200	0.1452		mg/Kg		73	70 - 130	35
o-Xylene	<0.00200	U	0.100	0.08483		mg/Kg		85	70 - 130	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-109782/5-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109782

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	05/09/25 10:56	05/09/25 17:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/25 10:56	05/09/25 17:51	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109782/1-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Toluene	0.100	0.08709		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09729		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1922		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09359		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-109782/2-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1009		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.08166		mg/Kg		82	70 - 130	6	35
Ethylbenzene	0.100	0.08628		mg/Kg		86	70 - 130	12	35
m,p-Xylenes	0.200	0.1921		mg/Kg		96	70 - 130	0	35
o-Xylene	0.100	0.09710		mg/Kg		97	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-57968-A-11-C MS

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09584		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1832		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09215		mg/Kg		92	70 - 130

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

Lab Sample ID: 880-57968-A-11-D MSD

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109782

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	0.09335		mg/Kg		93	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08363		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130	8	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-A-11-D MSD

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00400	U	0.200	0.1949		mg/Kg		97	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130	10	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	113		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-109922/5-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130				05/12/25 08:52	05/12/25 12:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130				05/12/25 08:52	05/12/25 12:00	1

Lab Sample ID: LCS 880-109922/1-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.1010		mg/Kg		101	70 - 130		
Toluene	0.100	0.08466		mg/Kg		85	70 - 130		
Ethylbenzene	0.100	0.09226		mg/Kg		92	70 - 130		
m,p-Xylenes	0.200	0.2094		mg/Kg		105	70 - 130		
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	103		70 - 130						

Lab Sample ID: LCSD 880-109922/2-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	0	35
Toluene	0.100	0.08734		mg/Kg		87	70 - 130	3	35
Ethylbenzene	0.100	0.09937		mg/Kg		99	70 - 130	7	35
m,p-Xylenes	0.200	0.2144		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130	3	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

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

Lab Sample ID: MB 880-109775/1-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109775

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1
Surrogate	MB		Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	105		70 - 130				05/09/25 10:32	05/12/25 20:40	1
o-Terphenyl (Surr)	100		70 - 130				05/09/25 10:32	05/12/25 20:40	1

Lab Sample ID: LCS 880-109775/2-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130
Surrogate	LCS		Limits				
	%Recovery	Qualifier					
1-Chlorooctane (Surr)	124		70 - 130				
o-Terphenyl (Surr)	123		70 - 130				

Lab Sample ID: LCSD 880-109775/3-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	913.6		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130	0	20
Surrogate	LCSD		Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	122		70 - 130						
o-Terphenyl (Surr)	125		70 - 130						

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-A-6-B MS

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	1152		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1253		mg/Kg		126	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	97		70 - 130						
o-Terphenyl (Surr)	104		70 - 130						

Lab Sample ID: 880-57968-A-6-C MSD

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	1221		mg/Kg		123	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1321	F1	mg/Kg		133	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	98		70 - 130								
o-Terphenyl (Surr)	105		70 - 130								

Lab Sample ID: MB 880-109777/1-A

Matrix: Solid

Analysis Batch: 109878

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109777

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		05/09/25 10:41	05/09/25 18:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:41	05/09/25 18:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:41	05/09/25 18:57	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130				05/09/25 10:41	05/09/25 18:57	1
o-Terphenyl (Surr)	91		70 - 130				05/09/25 10:41	05/09/25 18:57	1

Lab Sample ID: LCS 880-109777/2-A

Matrix: Solid

Analysis Batch: 109878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	895.0		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1026		mg/Kg		103	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109777/2-A

Matrix: Solid

Analysis Batch: 109878

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109777

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	120		70 - 130
o-Terphenyl (Surr)	120		70 - 130

Lab Sample ID: LCSD 880-109777/3-A

Matrix: Solid

Analysis Batch: 109878

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109777

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	879.4		mg/Kg		88	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1006		mg/Kg		101	70 - 130	2	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	119		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: 880-57969-11 MS

Matrix: Solid

Analysis Batch: 109878

Client Sample ID: T-3 (3')

Prep Type: Total/NA

Prep Batch: 109777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	998	1220		mg/Kg		120	70 - 130
Diesel Range Organics (Over C10-C28)	<50.1	U F1	998	1339	F1	mg/Kg		132	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	116		70 - 130

Lab Sample ID: 880-57969-11 MSD

Matrix: Solid

Analysis Batch: 109878

Client Sample ID: T-3 (3')

Prep Type: Total/NA

Prep Batch: 109777

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	998	1173		mg/Kg		116	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	998	1266		mg/Kg		125	70 - 130	6	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	134	S1+	70 - 130
o-Terphenyl (Surr)	115		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109783/1-A

Matrix: Solid

Analysis Batch: 109980

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109783

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		05/09/25 10:59	05/12/25 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:59	05/12/25 20:40	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	127		70 - 130				05/09/25 10:59	05/12/25 20:40	1
o-Terphenyl (Surr)	114		70 - 130				05/09/25 10:59	05/12/25 20:40	1

Lab Sample ID: LCS 880-109783/2-A

Matrix: Solid

Analysis Batch: 109980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1000		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1135		mg/Kg		113	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	133	S1+	70 - 130				
o-Terphenyl (Surr)	129		70 - 130				

Lab Sample ID: LCSD 880-109783/3-A

Matrix: Solid

Analysis Batch: 109980

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109783

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1018		mg/Kg		102	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1164		mg/Kg		116	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	136	S1+	70 - 130						
o-Terphenyl (Surr)	132	S1+	70 - 130						

Lab Sample ID: 880-57969-31 MS

Matrix: Solid

Analysis Batch: 109980

Client Sample ID: T-7 (4')

Prep Type: Total/NA

Prep Batch: 109783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	1354	F1	mg/Kg		136	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	1481	F1	mg/Kg		147	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-31 MS

Matrix: Solid

Analysis Batch: 109980

Client Sample ID: T-7 (4')

Prep Type: Total/NA

Prep Batch: 109783

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	150	S1+	70 - 130
o-Terphenyl (Surr)	124		70 - 130

Lab Sample ID: 880-57969-31 MSD

Matrix: Solid

Analysis Batch: 109980

Client Sample ID: T-7 (4')

Prep Type: Total/NA

Prep Batch: 109783

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	1359	F1	mg/Kg		136	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	1495	F1	mg/Kg		148	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	121		70 - 130								
o-Terphenyl (Surr)	121		70 - 130								

Lab Sample ID: MB 880-109784/1-A

Matrix: Solid

Analysis Batch: 109908

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109784

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		05/09/25 11:00	05/10/25 06:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 06:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 11:00	05/10/25 06:12	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	154	S1+	70 - 130				05/09/25 11:00	05/10/25 06:12	1
o-Terphenyl (Surr)	138	S1+	70 - 130				05/09/25 11:00	05/10/25 06:12	1

Lab Sample ID: LCS 880-109784/2-A

Matrix: Solid

Analysis Batch: 109908

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109784

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	994.7		mg/Kg		99	70 - 130
Diesel Range Organics (Over C10-C28)	1000	995.8		mg/Kg		100	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	163	S1+	70 - 130				
o-Terphenyl (Surr)	137	S1+	70 - 130				

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109784/3-A

Matrix: Solid

Analysis Batch: 109908

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109784

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1022		mg/Kg		102	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1051		mg/Kg		105	70 - 130	5	20
		LCSD %Recovery	LCSD Qualifier						
Surrogate				Limits					
1-Chlorooctane (Surr)		169	S1+	70 - 130					
o-Terphenyl (Surr)		142	S1+	70 - 130					

Lab Sample ID: 880-57969-51 MS

Matrix: Solid

Analysis Batch: 109908

Client Sample ID: T-13 (2')

Prep Type: Total/NA

Prep Batch: 109784

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 F1	997	1503	F1	mg/Kg		151	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1447	F1	mg/Kg		145	70 - 130		
		MS %Recovery	MS Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		162	S1+	70 - 130							
o-Terphenyl (Surr)		145	S1+	70 - 130							

Lab Sample ID: 880-57969-51 MSD

Matrix: Solid

Analysis Batch: 109908

Client Sample ID: T-13 (2')

Prep Type: Total/NA

Prep Batch: 109784

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	997	1543	F1	mg/Kg		155	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	997	1492	F1	mg/Kg		150	70 - 130	3	20
		MSD %Recovery	MSD Qualifier								
Surrogate				Limits							
1-Chlorooctane (Surr)		165	S1+	70 - 130							
o-Terphenyl (Surr)		146	S1+	70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-109836/1-A

Matrix: Solid

Analysis Batch: 109888

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/12/25 14:27	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-109836/2-A

Matrix: Solid

Analysis Batch: 109888

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	250.6		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-109836/3-A

Matrix: Solid

Analysis Batch: 109888

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	250.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-57969-1 MS

Matrix: Solid

Analysis Batch: 109888

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	118		251	391.0		mg/Kg		109	90 - 110

Lab Sample ID: 880-57969-1 MSD

Matrix: Solid

Analysis Batch: 109888

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

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		251	391.3		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-57969-11 MS

Matrix: Solid

Analysis Batch: 109888

Client Sample ID: T-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	134	F1	251	419.2	F1	mg/Kg		114	90 - 110

Lab Sample ID: 880-57969-11 MSD

Matrix: Solid

Analysis Batch: 109888

Client Sample ID: T-3 (3')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134	F1	251	419.8	F1	mg/Kg		114	90 - 110	0	20

Lab Sample ID: MB 880-109840/1-A

Matrix: Solid

Analysis Batch: 109919

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/12/25 12:48	1

Lab Sample ID: LCS 880-109840/2-A

Matrix: Solid

Analysis Batch: 109919

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	251.8		mg/Kg		101	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-109840/3-A

Matrix: Solid

Analysis Batch: 109919

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	252.4		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-57969-36 MS

Matrix: Solid

Analysis Batch: 109919

Client Sample ID: T-9 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	134		253	411.4		mg/Kg		110	90 - 110		

Lab Sample ID: 880-57969-36 MSD

Matrix: Solid

Analysis Batch: 109919

Client Sample ID: T-9 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134		253	411.3		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-57969-46 MS

Matrix: Solid

Analysis Batch: 109919

Client Sample ID: T-12 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	152	F1	250	439.3	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 880-57969-46 MSD

Matrix: Solid

Analysis Batch: 109919

Client Sample ID: T-12 (0-1')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	152	F1	250	439.3	F1	mg/Kg		115	90 - 110	0	20

Lab Sample ID: MB 880-109839/1-A

Matrix: Solid

Analysis Batch: 109920

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/12/25 11:36	1

Lab Sample ID: LCS 880-109839/2-A

Matrix: Solid

Analysis Batch: 109920

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	262.1		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-109839/3-A

Matrix: Solid

Analysis Batch: 109920

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	262.4		mg/Kg		105	90 - 110	0	20

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-57969-16 MS

Matrix: Solid

Analysis Batch: 109920

Client Sample ID: T-4 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	2810	F1	1250	4263	F1	mg/Kg		116	90 - 110		

Lab Sample ID: 880-57969-16 MSD

Matrix: Solid

Analysis Batch: 109920

Client Sample ID: T-4 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2810	F1	1250	4233	F1	mg/Kg		114	90 - 110	1	20

Lab Sample ID: 880-57969-26 MS

Matrix: Solid

Analysis Batch: 109920

Client Sample ID: T-6 (5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	630		248	892.1		mg/Kg		106	90 - 110		

Lab Sample ID: 880-57969-26 MSD

Matrix: Solid

Analysis Batch: 109920

Client Sample ID: T-6 (5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	630		248	879.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: MB 880-109846/1-A

Matrix: Solid

Analysis Batch: 109942

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil	Fac
Chloride	<10.0	U	10.0		mg/Kg			05/13/25 11:46		1

Lab Sample ID: LCS 880-109846/2-A

Matrix: Solid

Analysis Batch: 109942

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride		250	259.1		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-109846/3-A

Matrix: Solid

Analysis Batch: 109942

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	260.5		mg/Kg		104	90 - 110	1	20

Lab Sample ID: 880-57969-51 MS

Matrix: Solid

Analysis Batch: 109942

Client Sample ID: T-13 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	857		249	1100		mg/Kg		98	90 - 110		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-57969-51 MSD

Matrix: Solid

Analysis Batch: 109942

Client Sample ID: T-13 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	857		249	1098		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-57969-61 MS

Matrix: Solid

Analysis Batch: 109942

Client Sample ID: T-16 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3710	F1	1240	5434	F1	mg/Kg		139	90 - 110		

Lab Sample ID: 880-57969-61 MSD

Matrix: Solid

Analysis Batch: 109942

Client Sample ID: T-16 (2')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3710	F1	1240	5441	F1	mg/Kg		140	90 - 110	0	20

Lab Sample ID: MB 880-109847/1-A

Matrix: Solid

Analysis Batch: 109970

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/12/25 21:42	1

Lab Sample ID: LCS 880-109847/2-A

Matrix: Solid

Analysis Batch: 109970

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	250	248.8		mg/Kg		100	90 - 110		

Lab Sample ID: LCSD 880-109847/3-A

Matrix: Solid

Analysis Batch: 109970

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	249.2		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-57969-67 MS

Matrix: Solid

Analysis Batch: 109970

Client Sample ID: T-17 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	444		251	693.5		mg/Kg		99	90 - 110		

Lab Sample ID: 880-57969-67 MSD

Matrix: Solid

Analysis Batch: 109970

Client Sample ID: T-17 (4')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	444		251	696.0		mg/Kg		100	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA

Prep Batch: 109779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	5035	
880-57969-2	T-1 (2')	Total/NA	Solid	5035	
880-57969-3	T-1 (3')	Total/NA	Solid	5035	
880-57969-4	T-1 (4')	Total/NA	Solid	5035	
880-57969-5	T-2 (0-1')	Total/NA	Solid	5035	
880-57969-6	T-2 (2')	Total/NA	Solid	5035	
880-57969-7	T-2 (3')	Total/NA	Solid	5035	
880-57969-8	T-2 (4')	Total/NA	Solid	5035	
880-57969-9	T-3 (0-1')	Total/NA	Solid	5035	
880-57969-10	T-3 (2')	Total/NA	Solid	5035	
MB 880-109779/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109779/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109779/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57969-1 MS	T-1 (0-1')	Total/NA	Solid	5035	
880-57969-1 MSD	T-1 (0-1')	Total/NA	Solid	5035	

Prep Batch: 109780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-21	T-5 (4')	Total/NA	Solid	5035	
880-57969-22	T-6 (0-1')	Total/NA	Solid	5035	
880-57969-23	T-6 (2')	Total/NA	Solid	5035	
880-57969-24	T-6 (3')	Total/NA	Solid	5035	
880-57969-25	T-6 (4')	Total/NA	Solid	5035	
880-57969-26	T-6 (5')	Total/NA	Solid	5035	
880-57969-27	T-6 (6')	Total/NA	Solid	5035	
880-57969-28	T-7 (0-1')	Total/NA	Solid	5035	
880-57969-29	T-7 (2')	Total/NA	Solid	5035	
880-57969-30	T-7 (3')	Total/NA	Solid	5035	
880-57969-31	T-7 (4')	Total/NA	Solid	5035	
880-57969-32	T-8 (0-1')	Total/NA	Solid	5035	
880-57969-33	T-8 (2')	Total/NA	Solid	5035	
880-57969-34	T-8 (3')	Total/NA	Solid	5035	
880-57969-35	T-9 (0-1')	Total/NA	Solid	5035	
880-57969-36	T-9 (2')	Total/NA	Solid	5035	
880-57969-37	T-9 (3')	Total/NA	Solid	5035	
880-57969-38	T-10 (0-1')	Total/NA	Solid	5035	
880-57969-39	T-10 (2')	Total/NA	Solid	5035	
880-57969-40	T-10 (3')	Total/NA	Solid	5035	
MB 880-109780/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109780/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109780/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57969-21 MS	T-5 (4')	Total/NA	Solid	5035	
880-57969-21 MSD	T-5 (4')	Total/NA	Solid	5035	

Prep Batch: 109781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-41	T-10 (4')	Total/NA	Solid	5035	
880-57969-42	T-11 (0-1')	Total/NA	Solid	5035	
880-57969-43	T-11 (2')	Total/NA	Solid	5035	
880-57969-44	T-11 (3')	Total/NA	Solid	5035	
880-57969-45	T-11 (4')	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 109781 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-46	T-12 (0-1')	Total/NA	Solid	5035	
880-57969-47	T-12 (2')	Total/NA	Solid	5035	
880-57969-48	T-12 (3')	Total/NA	Solid	5035	
880-57969-49	T-12 (4')	Total/NA	Solid	5035	
880-57969-50	T-13 (0-1')	Total/NA	Solid	5035	
880-57969-51	T-13 (2')	Total/NA	Solid	5035	
880-57969-52	T-13 (3')	Total/NA	Solid	5035	
880-57969-53	T-14 (0-1')	Total/NA	Solid	5035	
880-57969-54	T-14 (2')	Total/NA	Solid	5035	
880-57969-55	T-14 (3')	Total/NA	Solid	5035	
880-57969-56	T-15 (0-1')	Total/NA	Solid	5035	
880-57969-57	T-15 (2')	Total/NA	Solid	5035	
880-57969-58	T-15 (3')	Total/NA	Solid	5035	
880-57969-59	T-15 (4')	Total/NA	Solid	5035	
880-57969-60	T-16 (0-1')	Total/NA	Solid	5035	
MB 880-109781/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109781/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109781/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57969-41 MS	T-10 (4')	Total/NA	Solid	5035	
880-57969-41 MSD	T-10 (4')	Total/NA	Solid	5035	

Prep Batch: 109782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-61	T-16 (2')	Total/NA	Solid	5035	
880-57969-62	T-16 (3')	Total/NA	Solid	5035	
880-57969-63	T-16 (4')	Total/NA	Solid	5035	
880-57969-64	T-17 (0-1')	Total/NA	Solid	5035	
880-57969-65	T-17 (2')	Total/NA	Solid	5035	
880-57969-66	T-17 (3')	Total/NA	Solid	5035	
880-57969-67	T-17 (4')	Total/NA	Solid	5035	
880-57969-68	T-17 (5')	Total/NA	Solid	5035	
MB 880-109782/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57968-A-11-C MS	Matrix Spike	Total/NA	Solid	5035	
880-57968-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8021B	109779
880-57969-2	T-1 (2')	Total/NA	Solid	8021B	109779
880-57969-3	T-1 (3')	Total/NA	Solid	8021B	109779
880-57969-4	T-1 (4')	Total/NA	Solid	8021B	109779
880-57969-5	T-2 (0-1')	Total/NA	Solid	8021B	109779
880-57969-6	T-2 (2')	Total/NA	Solid	8021B	109779
880-57969-7	T-2 (3')	Total/NA	Solid	8021B	109779
880-57969-8	T-2 (4')	Total/NA	Solid	8021B	109779
880-57969-9	T-3 (0-1')	Total/NA	Solid	8021B	109779
880-57969-10	T-3 (2')	Total/NA	Solid	8021B	109779
MB 880-109779/5-A	Method Blank	Total/NA	Solid	8021B	109779
LCS 880-109779/1-A	Lab Control Sample	Total/NA	Solid	8021B	109779

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109816 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-109779/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109779
880-57969-1 MS	T-1 (0-1')	Total/NA	Solid	8021B	109779
880-57969-1 MSD	T-1 (0-1')	Total/NA	Solid	8021B	109779

Analysis Batch: 109841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-21	T-5 (4')	Total/NA	Solid	8021B	109780
880-57969-22	T-6 (0-1')	Total/NA	Solid	8021B	109780
880-57969-23	T-6 (2')	Total/NA	Solid	8021B	109780
880-57969-24	T-6 (3')	Total/NA	Solid	8021B	109780
880-57969-25	T-6 (4')	Total/NA	Solid	8021B	109780
880-57969-26	T-6 (5')	Total/NA	Solid	8021B	109780
880-57969-27	T-6 (6')	Total/NA	Solid	8021B	109780
880-57969-28	T-7 (0-1')	Total/NA	Solid	8021B	109780
880-57969-29	T-7 (2')	Total/NA	Solid	8021B	109780
880-57969-30	T-7 (3')	Total/NA	Solid	8021B	109780
880-57969-31	T-7 (4')	Total/NA	Solid	8021B	109780
880-57969-32	T-8 (0-1')	Total/NA	Solid	8021B	109780
880-57969-33	T-8 (2')	Total/NA	Solid	8021B	109780
880-57969-34	T-8 (3')	Total/NA	Solid	8021B	109780
880-57969-35	T-9 (0-1')	Total/NA	Solid	8021B	109780
880-57969-36	T-9 (2')	Total/NA	Solid	8021B	109780
880-57969-37	T-9 (3')	Total/NA	Solid	8021B	109780
880-57969-38	T-10 (0-1')	Total/NA	Solid	8021B	109780
880-57969-39	T-10 (2')	Total/NA	Solid	8021B	109780
880-57969-40	T-10 (3')	Total/NA	Solid	8021B	109780
MB 880-109780/5-A	Method Blank	Total/NA	Solid	8021B	109780
LCS 880-109780/1-A	Lab Control Sample	Total/NA	Solid	8021B	109780
LCSD 880-109780/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109780
880-57969-21 MS	T-5 (4')	Total/NA	Solid	8021B	109780
880-57969-21 MSD	T-5 (4')	Total/NA	Solid	8021B	109780

Analysis Batch: 109887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-61	T-16 (2')	Total/NA	Solid	8021B	109782
880-57969-62	T-16 (3')	Total/NA	Solid	8021B	109782
880-57969-63	T-16 (4')	Total/NA	Solid	8021B	109782
880-57969-64	T-17 (0-1')	Total/NA	Solid	8021B	109782
880-57969-65	T-17 (2')	Total/NA	Solid	8021B	109782
880-57969-66	T-17 (3')	Total/NA	Solid	8021B	109782
880-57969-67	T-17 (4')	Total/NA	Solid	8021B	109782
880-57969-68	T-17 (5')	Total/NA	Solid	8021B	109782
MB 880-109782/5-A	Method Blank	Total/NA	Solid	8021B	109782
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	8021B	109782
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109782
880-57968-A-11-C MS	Matrix Spike	Total/NA	Solid	8021B	109782
880-57968-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109782

Analysis Batch: 109913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	8021B	109922

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109913 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-12	T-3 (4')	Total/NA	Solid	8021B	109922
880-57969-13	T-4 (0-1')	Total/NA	Solid	8021B	109922
880-57969-14	T-4 (2')	Total/NA	Solid	8021B	109922
880-57969-15	T-4 (3')	Total/NA	Solid	8021B	109922
880-57969-16	T-4 (4')	Total/NA	Solid	8021B	109922
880-57969-17	T-4 (5')	Total/NA	Solid	8021B	109922
880-57969-18	T-5 (0-1')	Total/NA	Solid	8021B	109922
880-57969-19	T-5 (2')	Total/NA	Solid	8021B	109922
880-57969-20	T-5 (3')	Total/NA	Solid	8021B	109922
880-57969-41	T-10 (4')	Total/NA	Solid	8021B	109781
880-57969-42	T-11 (0-1')	Total/NA	Solid	8021B	109781
880-57969-43	T-11 (2')	Total/NA	Solid	8021B	109781
880-57969-44	T-11 (3')	Total/NA	Solid	8021B	109781
880-57969-45	T-11 (4')	Total/NA	Solid	8021B	109781
880-57969-46	T-12 (0-1')	Total/NA	Solid	8021B	109781
880-57969-47	T-12 (2')	Total/NA	Solid	8021B	109781
880-57969-48	T-12 (3')	Total/NA	Solid	8021B	109781
880-57969-49	T-12 (4')	Total/NA	Solid	8021B	109781
880-57969-50	T-13 (0-1')	Total/NA	Solid	8021B	109781
880-57969-51	T-13 (2')	Total/NA	Solid	8021B	109781
880-57969-52	T-13 (3')	Total/NA	Solid	8021B	109781
880-57969-53	T-14 (0-1')	Total/NA	Solid	8021B	109781
880-57969-54	T-14 (2')	Total/NA	Solid	8021B	109781
880-57969-55	T-14 (3')	Total/NA	Solid	8021B	109781
880-57969-56	T-15 (0-1')	Total/NA	Solid	8021B	109781
880-57969-57	T-15 (2')	Total/NA	Solid	8021B	109781
880-57969-58	T-15 (3')	Total/NA	Solid	8021B	109781
880-57969-59	T-15 (4')	Total/NA	Solid	8021B	109781
880-57969-60	T-16 (0-1')	Total/NA	Solid	8021B	109781
MB 880-109781/5-A	Method Blank	Total/NA	Solid	8021B	109781
MB 880-109922/5-A	Method Blank	Total/NA	Solid	8021B	109922
LCS 880-109781/1-A	Lab Control Sample	Total/NA	Solid	8021B	109781
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	8021B	109922
LCSD 880-109781/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109781
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109922
880-57969-41 MS	T-10 (4')	Total/NA	Solid	8021B	109781
880-57969-41 MSD	T-10 (4')	Total/NA	Solid	8021B	109781

Prep Batch: 109922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	5035	
880-57969-12	T-3 (4')	Total/NA	Solid	5035	
880-57969-13	T-4 (0-1')	Total/NA	Solid	5035	
880-57969-14	T-4 (2')	Total/NA	Solid	5035	
880-57969-15	T-4 (3')	Total/NA	Solid	5035	
880-57969-16	T-4 (4')	Total/NA	Solid	5035	
880-57969-17	T-4 (5')	Total/NA	Solid	5035	
880-57969-18	T-5 (0-1')	Total/NA	Solid	5035	
880-57969-19	T-5 (2')	Total/NA	Solid	5035	
880-57969-20	T-5 (3')	Total/NA	Solid	5035	
MB 880-109922/5-A	Method Blank	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Prep Batch: 109922 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 109969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-2	T-1 (2')	Total/NA	Solid	Total BTEX	
880-57969-3	T-1 (3')	Total/NA	Solid	Total BTEX	
880-57969-4	T-1 (4')	Total/NA	Solid	Total BTEX	
880-57969-5	T-2 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-6	T-2 (2')	Total/NA	Solid	Total BTEX	
880-57969-7	T-2 (3')	Total/NA	Solid	Total BTEX	
880-57969-8	T-2 (4')	Total/NA	Solid	Total BTEX	
880-57969-9	T-3 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-10	T-3 (2')	Total/NA	Solid	Total BTEX	
880-57969-11	T-3 (3')	Total/NA	Solid	Total BTEX	
880-57969-12	T-3 (4')	Total/NA	Solid	Total BTEX	
880-57969-13	T-4 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-14	T-4 (2')	Total/NA	Solid	Total BTEX	
880-57969-15	T-4 (3')	Total/NA	Solid	Total BTEX	
880-57969-16	T-4 (4')	Total/NA	Solid	Total BTEX	
880-57969-17	T-4 (5')	Total/NA	Solid	Total BTEX	
880-57969-18	T-5 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-19	T-5 (2')	Total/NA	Solid	Total BTEX	
880-57969-20	T-5 (3')	Total/NA	Solid	Total BTEX	
880-57969-21	T-5 (4')	Total/NA	Solid	Total BTEX	
880-57969-22	T-6 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-23	T-6 (2')	Total/NA	Solid	Total BTEX	
880-57969-24	T-6 (3')	Total/NA	Solid	Total BTEX	
880-57969-25	T-6 (4')	Total/NA	Solid	Total BTEX	
880-57969-26	T-6 (5')	Total/NA	Solid	Total BTEX	
880-57969-27	T-6 (6')	Total/NA	Solid	Total BTEX	
880-57969-28	T-7 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-29	T-7 (2')	Total/NA	Solid	Total BTEX	
880-57969-30	T-7 (3')	Total/NA	Solid	Total BTEX	
880-57969-31	T-7 (4')	Total/NA	Solid	Total BTEX	
880-57969-32	T-8 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-33	T-8 (2')	Total/NA	Solid	Total BTEX	
880-57969-34	T-8 (3')	Total/NA	Solid	Total BTEX	
880-57969-35	T-9 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-36	T-9 (2')	Total/NA	Solid	Total BTEX	
880-57969-37	T-9 (3')	Total/NA	Solid	Total BTEX	
880-57969-38	T-10 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-39	T-10 (2')	Total/NA	Solid	Total BTEX	
880-57969-40	T-10 (3')	Total/NA	Solid	Total BTEX	
880-57969-41	T-10 (4')	Total/NA	Solid	Total BTEX	
880-57969-42	T-11 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-43	T-11 (2')	Total/NA	Solid	Total BTEX	
880-57969-44	T-11 (3')	Total/NA	Solid	Total BTEX	
880-57969-45	T-11 (4')	Total/NA	Solid	Total BTEX	
880-57969-46	T-12 (0-1')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109969 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-47	T-12 (2')	Total/NA	Solid	Total BTEX	
880-57969-48	T-12 (3')	Total/NA	Solid	Total BTEX	
880-57969-49	T-12 (4')	Total/NA	Solid	Total BTEX	
880-57969-50	T-13 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-51	T-13 (2')	Total/NA	Solid	Total BTEX	
880-57969-52	T-13 (3')	Total/NA	Solid	Total BTEX	
880-57969-53	T-14 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-54	T-14 (2')	Total/NA	Solid	Total BTEX	
880-57969-55	T-14 (3')	Total/NA	Solid	Total BTEX	
880-57969-56	T-15 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-57	T-15 (2')	Total/NA	Solid	Total BTEX	
880-57969-58	T-15 (3')	Total/NA	Solid	Total BTEX	
880-57969-59	T-15 (4')	Total/NA	Solid	Total BTEX	
880-57969-60	T-16 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-61	T-16 (2')	Total/NA	Solid	Total BTEX	
880-57969-62	T-16 (3')	Total/NA	Solid	Total BTEX	
880-57969-63	T-16 (4')	Total/NA	Solid	Total BTEX	
880-57969-64	T-17 (0-1')	Total/NA	Solid	Total BTEX	
880-57969-65	T-17 (2')	Total/NA	Solid	Total BTEX	
880-57969-66	T-17 (3')	Total/NA	Solid	Total BTEX	
880-57969-67	T-17 (4')	Total/NA	Solid	Total BTEX	
880-57969-68	T-17 (5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 109775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-2	T-1 (2')	Total/NA	Solid	8015NM Prep	
880-57969-3	T-1 (3')	Total/NA	Solid	8015NM Prep	
880-57969-4	T-1 (4')	Total/NA	Solid	8015NM Prep	
880-57969-5	T-2 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-6	T-2 (2')	Total/NA	Solid	8015NM Prep	
880-57969-7	T-2 (3')	Total/NA	Solid	8015NM Prep	
880-57969-8	T-2 (4')	Total/NA	Solid	8015NM Prep	
880-57969-9	T-3 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-10	T-3 (2')	Total/NA	Solid	8015NM Prep	
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57968-A-6-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-57968-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 109777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-57969-12	T-3 (4')	Total/NA	Solid	8015NM Prep	
880-57969-13	T-4 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-14	T-4 (2')	Total/NA	Solid	8015NM Prep	
880-57969-15	T-4 (3')	Total/NA	Solid	8015NM Prep	
880-57969-16	T-4 (4')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 109777 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-17	T-4 (5')	Total/NA	Solid	8015NM Prep	
880-57969-18	T-5 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-19	T-5 (2')	Total/NA	Solid	8015NM Prep	
880-57969-20	T-5 (3')	Total/NA	Solid	8015NM Prep	
880-57969-21	T-5 (4')	Total/NA	Solid	8015NM Prep	
880-57969-22	T-6 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-23	T-6 (2')	Total/NA	Solid	8015NM Prep	
880-57969-24	T-6 (3')	Total/NA	Solid	8015NM Prep	
880-57969-25	T-6 (4')	Total/NA	Solid	8015NM Prep	
880-57969-26	T-6 (5')	Total/NA	Solid	8015NM Prep	
880-57969-27	T-6 (6')	Total/NA	Solid	8015NM Prep	
880-57969-28	T-7 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-29	T-7 (2')	Total/NA	Solid	8015NM Prep	
880-57969-30	T-7 (3')	Total/NA	Solid	8015NM Prep	
MB 880-109777/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109777/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109777/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57969-11 MS	T-3 (3')	Total/NA	Solid	8015NM Prep	
880-57969-11 MSD	T-3 (3')	Total/NA	Solid	8015NM Prep	

Prep Batch: 109783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-31	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-57969-32	T-8 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-33	T-8 (2')	Total/NA	Solid	8015NM Prep	
880-57969-34	T-8 (3')	Total/NA	Solid	8015NM Prep	
880-57969-35	T-9 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-36	T-9 (2')	Total/NA	Solid	8015NM Prep	
880-57969-37	T-9 (3')	Total/NA	Solid	8015NM Prep	
880-57969-38	T-10 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-39	T-10 (2')	Total/NA	Solid	8015NM Prep	
880-57969-40	T-10 (3')	Total/NA	Solid	8015NM Prep	
880-57969-41	T-10 (4')	Total/NA	Solid	8015NM Prep	
880-57969-42	T-11 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-43	T-11 (2')	Total/NA	Solid	8015NM Prep	
880-57969-44	T-11 (3')	Total/NA	Solid	8015NM Prep	
880-57969-45	T-11 (4')	Total/NA	Solid	8015NM Prep	
880-57969-46	T-12 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-47	T-12 (2')	Total/NA	Solid	8015NM Prep	
880-57969-48	T-12 (3')	Total/NA	Solid	8015NM Prep	
880-57969-49	T-12 (4')	Total/NA	Solid	8015NM Prep	
880-57969-50	T-13 (0-1')	Total/NA	Solid	8015NM Prep	
MB 880-109783/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109783/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57969-31 MS	T-7 (4')	Total/NA	Solid	8015NM Prep	
880-57969-31 MSD	T-7 (4')	Total/NA	Solid	8015NM Prep	

Prep Batch: 109784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Prep Batch: 109784 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-52	T-13 (3')	Total/NA	Solid	8015NM Prep	
880-57969-53	T-14 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-54	T-14 (2')	Total/NA	Solid	8015NM Prep	
880-57969-55	T-14 (3')	Total/NA	Solid	8015NM Prep	
880-57969-56	T-15 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-57	T-15 (2')	Total/NA	Solid	8015NM Prep	
880-57969-58	T-15 (3')	Total/NA	Solid	8015NM Prep	
880-57969-59	T-15 (4')	Total/NA	Solid	8015NM Prep	
880-57969-60	T-16 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-61	T-16 (2')	Total/NA	Solid	8015NM Prep	
880-57969-62	T-16 (3')	Total/NA	Solid	8015NM Prep	
880-57969-63	T-16 (4')	Total/NA	Solid	8015NM Prep	
880-57969-64	T-17 (0-1')	Total/NA	Solid	8015NM Prep	
880-57969-65	T-17 (2')	Total/NA	Solid	8015NM Prep	
880-57969-66	T-17 (3')	Total/NA	Solid	8015NM Prep	
880-57969-67	T-17 (4')	Total/NA	Solid	8015NM Prep	
880-57969-68	T-17 (5')	Total/NA	Solid	8015NM Prep	
MB 880-109784/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109784/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57969-51 MS	T-13 (2')	Total/NA	Solid	8015NM Prep	
880-57969-51 MSD	T-13 (2')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 109878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-11	T-3 (3')	Total/NA	Solid	8015B NM	109777
880-57969-12	T-3 (4')	Total/NA	Solid	8015B NM	109777
880-57969-13	T-4 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-14	T-4 (2')	Total/NA	Solid	8015B NM	109777
880-57969-15	T-4 (3')	Total/NA	Solid	8015B NM	109777
880-57969-16	T-4 (4')	Total/NA	Solid	8015B NM	109777
880-57969-17	T-4 (5')	Total/NA	Solid	8015B NM	109777
880-57969-18	T-5 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-19	T-5 (2')	Total/NA	Solid	8015B NM	109777
880-57969-20	T-5 (3')	Total/NA	Solid	8015B NM	109777
880-57969-21	T-5 (4')	Total/NA	Solid	8015B NM	109777
880-57969-22	T-6 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-23	T-6 (2')	Total/NA	Solid	8015B NM	109777
880-57969-24	T-6 (3')	Total/NA	Solid	8015B NM	109777
880-57969-25	T-6 (4')	Total/NA	Solid	8015B NM	109777
880-57969-26	T-6 (5')	Total/NA	Solid	8015B NM	109777
880-57969-27	T-6 (6')	Total/NA	Solid	8015B NM	109777
880-57969-28	T-7 (0-1')	Total/NA	Solid	8015B NM	109777
880-57969-29	T-7 (2')	Total/NA	Solid	8015B NM	109777
880-57969-30	T-7 (3')	Total/NA	Solid	8015B NM	109777
MB 880-109777/1-A	Method Blank	Total/NA	Solid	8015B NM	109777
LCS 880-109777/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109777
LCSD 880-109777/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109777
880-57969-11 MS	T-3 (3')	Total/NA	Solid	8015B NM	109777
880-57969-11 MSD	T-3 (3')	Total/NA	Solid	8015B NM	109777

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 109908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Total/NA	Solid	8015B NM	109784
880-57969-52	T-13 (3')	Total/NA	Solid	8015B NM	109784
880-57969-53	T-14 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-54	T-14 (2')	Total/NA	Solid	8015B NM	109784
880-57969-55	T-14 (3')	Total/NA	Solid	8015B NM	109784
880-57969-56	T-15 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-57	T-15 (2')	Total/NA	Solid	8015B NM	109784
880-57969-58	T-15 (3')	Total/NA	Solid	8015B NM	109784
880-57969-59	T-15 (4')	Total/NA	Solid	8015B NM	109784
880-57969-60	T-16 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-61	T-16 (2')	Total/NA	Solid	8015B NM	109784
880-57969-62	T-16 (3')	Total/NA	Solid	8015B NM	109784
880-57969-63	T-16 (4')	Total/NA	Solid	8015B NM	109784
880-57969-64	T-17 (0-1')	Total/NA	Solid	8015B NM	109784
880-57969-65	T-17 (2')	Total/NA	Solid	8015B NM	109784
880-57969-66	T-17 (3')	Total/NA	Solid	8015B NM	109784
880-57969-67	T-17 (4')	Total/NA	Solid	8015B NM	109784
880-57969-68	T-17 (5')	Total/NA	Solid	8015B NM	109784
MB 880-109784/1-A	Method Blank	Total/NA	Solid	8015B NM	109784
LCS 880-109784/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109784
LCSD 880-109784/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109784
880-57969-51 MS	T-13 (2')	Total/NA	Solid	8015B NM	109784
880-57969-51 MSD	T-13 (2')	Total/NA	Solid	8015B NM	109784

Analysis Batch: 109947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8015 NM	
880-57969-2	T-1 (2')	Total/NA	Solid	8015 NM	
880-57969-3	T-1 (3')	Total/NA	Solid	8015 NM	
880-57969-4	T-1 (4')	Total/NA	Solid	8015 NM	
880-57969-5	T-2 (0-1')	Total/NA	Solid	8015 NM	
880-57969-6	T-2 (2')	Total/NA	Solid	8015 NM	
880-57969-7	T-2 (3')	Total/NA	Solid	8015 NM	
880-57969-8	T-2 (4')	Total/NA	Solid	8015 NM	
880-57969-9	T-3 (0-1')	Total/NA	Solid	8015 NM	
880-57969-10	T-3 (2')	Total/NA	Solid	8015 NM	
880-57969-11	T-3 (3')	Total/NA	Solid	8015 NM	
880-57969-12	T-3 (4')	Total/NA	Solid	8015 NM	
880-57969-13	T-4 (0-1')	Total/NA	Solid	8015 NM	
880-57969-14	T-4 (2')	Total/NA	Solid	8015 NM	
880-57969-15	T-4 (3')	Total/NA	Solid	8015 NM	
880-57969-16	T-4 (4')	Total/NA	Solid	8015 NM	
880-57969-17	T-4 (5')	Total/NA	Solid	8015 NM	
880-57969-18	T-5 (0-1')	Total/NA	Solid	8015 NM	
880-57969-19	T-5 (2')	Total/NA	Solid	8015 NM	
880-57969-20	T-5 (3')	Total/NA	Solid	8015 NM	
880-57969-21	T-5 (4')	Total/NA	Solid	8015 NM	
880-57969-22	T-6 (0-1')	Total/NA	Solid	8015 NM	
880-57969-23	T-6 (2')	Total/NA	Solid	8015 NM	
880-57969-24	T-6 (3')	Total/NA	Solid	8015 NM	
880-57969-25	T-6 (4')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 109947 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-26	T-6 (5')	Total/NA	Solid	8015 NM	
880-57969-27	T-6 (6')	Total/NA	Solid	8015 NM	
880-57969-28	T-7 (0-1')	Total/NA	Solid	8015 NM	
880-57969-29	T-7 (2')	Total/NA	Solid	8015 NM	
880-57969-30	T-7 (3')	Total/NA	Solid	8015 NM	
880-57969-31	T-7 (4')	Total/NA	Solid	8015 NM	
880-57969-32	T-8 (0-1')	Total/NA	Solid	8015 NM	
880-57969-33	T-8 (2')	Total/NA	Solid	8015 NM	
880-57969-34	T-8 (3')	Total/NA	Solid	8015 NM	
880-57969-35	T-9 (0-1')	Total/NA	Solid	8015 NM	
880-57969-36	T-9 (2')	Total/NA	Solid	8015 NM	
880-57969-37	T-9 (3')	Total/NA	Solid	8015 NM	
880-57969-38	T-10 (0-1')	Total/NA	Solid	8015 NM	
880-57969-39	T-10 (2')	Total/NA	Solid	8015 NM	
880-57969-40	T-10 (3')	Total/NA	Solid	8015 NM	
880-57969-41	T-10 (4')	Total/NA	Solid	8015 NM	
880-57969-42	T-11 (0-1')	Total/NA	Solid	8015 NM	
880-57969-43	T-11 (2')	Total/NA	Solid	8015 NM	
880-57969-44	T-11 (3')	Total/NA	Solid	8015 NM	
880-57969-45	T-11 (4')	Total/NA	Solid	8015 NM	
880-57969-46	T-12 (0-1')	Total/NA	Solid	8015 NM	
880-57969-47	T-12 (2')	Total/NA	Solid	8015 NM	
880-57969-48	T-12 (3')	Total/NA	Solid	8015 NM	
880-57969-49	T-12 (4')	Total/NA	Solid	8015 NM	
880-57969-50	T-13 (0-1')	Total/NA	Solid	8015 NM	
880-57969-51	T-13 (2')	Total/NA	Solid	8015 NM	
880-57969-52	T-13 (3')	Total/NA	Solid	8015 NM	
880-57969-53	T-14 (0-1')	Total/NA	Solid	8015 NM	
880-57969-54	T-14 (2')	Total/NA	Solid	8015 NM	
880-57969-55	T-14 (3')	Total/NA	Solid	8015 NM	
880-57969-56	T-15 (0-1')	Total/NA	Solid	8015 NM	
880-57969-57	T-15 (2')	Total/NA	Solid	8015 NM	
880-57969-58	T-15 (3')	Total/NA	Solid	8015 NM	
880-57969-59	T-15 (4')	Total/NA	Solid	8015 NM	
880-57969-60	T-16 (0-1')	Total/NA	Solid	8015 NM	
880-57969-61	T-16 (2')	Total/NA	Solid	8015 NM	
880-57969-62	T-16 (3')	Total/NA	Solid	8015 NM	
880-57969-63	T-16 (4')	Total/NA	Solid	8015 NM	
880-57969-64	T-17 (0-1')	Total/NA	Solid	8015 NM	
880-57969-65	T-17 (2')	Total/NA	Solid	8015 NM	
880-57969-66	T-17 (3')	Total/NA	Solid	8015 NM	
880-57969-67	T-17 (4')	Total/NA	Solid	8015 NM	
880-57969-68	T-17 (5')	Total/NA	Solid	8015 NM	

Analysis Batch: 109979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Total/NA	Solid	8015B NM	109775
880-57969-2	T-1 (2')	Total/NA	Solid	8015B NM	109775
880-57969-3	T-1 (3')	Total/NA	Solid	8015B NM	109775
880-57969-4	T-1 (4')	Total/NA	Solid	8015B NM	109775
880-57969-5	T-2 (0-1')	Total/NA	Solid	8015B NM	109775

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 109979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-6	T-2 (2')	Total/NA	Solid	8015B NM	109775
880-57969-7	T-2 (3')	Total/NA	Solid	8015B NM	109775
880-57969-8	T-2 (4')	Total/NA	Solid	8015B NM	109775
880-57969-9	T-3 (0-1')	Total/NA	Solid	8015B NM	109775
880-57969-10	T-3 (2')	Total/NA	Solid	8015B NM	109775
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015B NM	109775
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109775
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109775
880-57968-A-6-B MS	Matrix Spike	Total/NA	Solid	8015B NM	109775
880-57968-A-6-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	109775

Analysis Batch: 109980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-31	T-7 (4')	Total/NA	Solid	8015B NM	109783
880-57969-32	T-8 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-33	T-8 (2')	Total/NA	Solid	8015B NM	109783
880-57969-34	T-8 (3')	Total/NA	Solid	8015B NM	109783
880-57969-35	T-9 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-36	T-9 (2')	Total/NA	Solid	8015B NM	109783
880-57969-37	T-9 (3')	Total/NA	Solid	8015B NM	109783
880-57969-38	T-10 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-39	T-10 (2')	Total/NA	Solid	8015B NM	109783
880-57969-40	T-10 (3')	Total/NA	Solid	8015B NM	109783
880-57969-41	T-10 (4')	Total/NA	Solid	8015B NM	109783
880-57969-42	T-11 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-43	T-11 (2')	Total/NA	Solid	8015B NM	109783
880-57969-44	T-11 (3')	Total/NA	Solid	8015B NM	109783
880-57969-45	T-11 (4')	Total/NA	Solid	8015B NM	109783
880-57969-46	T-12 (0-1')	Total/NA	Solid	8015B NM	109783
880-57969-47	T-12 (2')	Total/NA	Solid	8015B NM	109783
880-57969-48	T-12 (3')	Total/NA	Solid	8015B NM	109783
880-57969-49	T-12 (4')	Total/NA	Solid	8015B NM	109783
880-57969-50	T-13 (0-1')	Total/NA	Solid	8015B NM	109783
MB 880-109783/1-A	Method Blank	Total/NA	Solid	8015B NM	109783
LCS 880-109783/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109783
LCSD 880-109783/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109783
880-57969-31 MS	T-7 (4')	Total/NA	Solid	8015B NM	109783
880-57969-31 MSD	T-7 (4')	Total/NA	Solid	8015B NM	109783

HPLC/IC

Leach Batch: 109836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57969-2	T-1 (2')	Soluble	Solid	DI Leach	
880-57969-3	T-1 (3')	Soluble	Solid	DI Leach	
880-57969-4	T-1 (4')	Soluble	Solid	DI Leach	
880-57969-5	T-2 (0-1')	Soluble	Solid	DI Leach	
880-57969-6	T-2 (2')	Soluble	Solid	DI Leach	
880-57969-7	T-2 (3')	Soluble	Solid	DI Leach	
880-57969-8	T-2 (4')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 109836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-9	T-3 (0-1')	Soluble	Solid	DI Leach	
880-57969-10	T-3 (2')	Soluble	Solid	DI Leach	
880-57969-11	T-3 (3')	Soluble	Solid	DI Leach	
880-57969-12	T-3 (4')	Soluble	Solid	DI Leach	
880-57969-13	T-4 (0-1')	Soluble	Solid	DI Leach	
880-57969-14	T-4 (2')	Soluble	Solid	DI Leach	
880-57969-15	T-4 (3')	Soluble	Solid	DI Leach	
MB 880-109836/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109836/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109836/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-1 MS	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57969-1 MSD	T-1 (0-1')	Soluble	Solid	DI Leach	
880-57969-11 MS	T-3 (3')	Soluble	Solid	DI Leach	
880-57969-11 MSD	T-3 (3')	Soluble	Solid	DI Leach	

Leach Batch: 109839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-16	T-4 (4')	Soluble	Solid	DI Leach	
880-57969-17	T-4 (5')	Soluble	Solid	DI Leach	
880-57969-18	T-5 (0-1')	Soluble	Solid	DI Leach	
880-57969-19	T-5 (2')	Soluble	Solid	DI Leach	
880-57969-20	T-5 (3')	Soluble	Solid	DI Leach	
880-57969-21	T-5 (4')	Soluble	Solid	DI Leach	
880-57969-22	T-6 (0-1')	Soluble	Solid	DI Leach	
880-57969-23	T-6 (2')	Soluble	Solid	DI Leach	
880-57969-24	T-6 (3')	Soluble	Solid	DI Leach	
880-57969-25	T-6 (4')	Soluble	Solid	DI Leach	
880-57969-26	T-6 (5')	Soluble	Solid	DI Leach	
880-57969-27	T-6 (6')	Soluble	Solid	DI Leach	
880-57969-28	T-7 (0-1')	Soluble	Solid	DI Leach	
880-57969-29	T-7 (2')	Soluble	Solid	DI Leach	
880-57969-30	T-7 (3')	Soluble	Solid	DI Leach	
880-57969-31	T-7 (4')	Soluble	Solid	DI Leach	
880-57969-32	T-8 (0-1')	Soluble	Solid	DI Leach	
880-57969-33	T-8 (2')	Soluble	Solid	DI Leach	
880-57969-34	T-8 (3')	Soluble	Solid	DI Leach	
880-57969-35	T-9 (0-1')	Soluble	Solid	DI Leach	
MB 880-109839/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109839/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109839/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-16 MS	T-4 (4')	Soluble	Solid	DI Leach	
880-57969-16 MSD	T-4 (4')	Soluble	Solid	DI Leach	
880-57969-26 MS	T-6 (5')	Soluble	Solid	DI Leach	
880-57969-26 MSD	T-6 (5')	Soluble	Solid	DI Leach	

Leach Batch: 109840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-36	T-9 (2')	Soluble	Solid	DI Leach	
880-57969-37	T-9 (3')	Soluble	Solid	DI Leach	
880-57969-38	T-10 (0-1')	Soluble	Solid	DI Leach	
880-57969-39	T-10 (2')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 109840 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-40	T-10 (3')	Soluble	Solid	DI Leach	
880-57969-41	T-10 (4')	Soluble	Solid	DI Leach	
880-57969-42	T-11 (0-1')	Soluble	Solid	DI Leach	
880-57969-43	T-11 (2')	Soluble	Solid	DI Leach	
880-57969-44	T-11 (3')	Soluble	Solid	DI Leach	
880-57969-45	T-11 (4')	Soluble	Solid	DI Leach	
880-57969-46	T-12 (0-1')	Soluble	Solid	DI Leach	
880-57969-47	T-12 (2')	Soluble	Solid	DI Leach	
880-57969-48	T-12 (3')	Soluble	Solid	DI Leach	
880-57969-49	T-12 (4')	Soluble	Solid	DI Leach	
880-57969-50	T-13 (0-1')	Soluble	Solid	DI Leach	
MB 880-109840/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109840/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109840/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-36 MS	T-9 (2')	Soluble	Solid	DI Leach	
880-57969-36 MSD	T-9 (2')	Soluble	Solid	DI Leach	
880-57969-46 MS	T-12 (0-1')	Soluble	Solid	DI Leach	
880-57969-46 MSD	T-12 (0-1')	Soluble	Solid	DI Leach	

Leach Batch: 109846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Soluble	Solid	DI Leach	
880-57969-52	T-13 (3')	Soluble	Solid	DI Leach	
880-57969-53	T-14 (0-1')	Soluble	Solid	DI Leach	
880-57969-54	T-14 (2')	Soluble	Solid	DI Leach	
880-57969-55	T-14 (3')	Soluble	Solid	DI Leach	
880-57969-56	T-15 (0-1')	Soluble	Solid	DI Leach	
880-57969-57	T-15 (2')	Soluble	Solid	DI Leach	
880-57969-58	T-15 (3')	Soluble	Solid	DI Leach	
880-57969-59	T-15 (4')	Soluble	Solid	DI Leach	
880-57969-60	T-16 (0-1')	Soluble	Solid	DI Leach	
880-57969-61	T-16 (2')	Soluble	Solid	DI Leach	
880-57969-62	T-16 (3')	Soluble	Solid	DI Leach	
880-57969-63	T-16 (4')	Soluble	Solid	DI Leach	
880-57969-64	T-17 (0-1')	Soluble	Solid	DI Leach	
880-57969-65	T-17 (2')	Soluble	Solid	DI Leach	
880-57969-66	T-17 (3')	Soluble	Solid	DI Leach	
MB 880-109846/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109846/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109846/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-51 MS	T-13 (2')	Soluble	Solid	DI Leach	
880-57969-51 MSD	T-13 (2')	Soluble	Solid	DI Leach	
880-57969-61 MS	T-16 (2')	Soluble	Solid	DI Leach	
880-57969-61 MSD	T-16 (2')	Soluble	Solid	DI Leach	

Leach Batch: 109847

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-67	T-17 (4')	Soluble	Solid	DI Leach	
880-57969-68	T-17 (5')	Soluble	Solid	DI Leach	
MB 880-109847/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109847/2-A	Lab Control Sample	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Leach Batch: 109847 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-109847/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57969-67 MS	T-17 (4')	Soluble	Solid	DI Leach	
880-57969-67 MSD	T-17 (4')	Soluble	Solid	DI Leach	

Analysis Batch: 109888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-1	T-1 (0-1')	Soluble	Solid	300.0	109836
880-57969-2	T-1 (2')	Soluble	Solid	300.0	109836
880-57969-3	T-1 (3')	Soluble	Solid	300.0	109836
880-57969-4	T-1 (4')	Soluble	Solid	300.0	109836
880-57969-5	T-2 (0-1')	Soluble	Solid	300.0	109836
880-57969-6	T-2 (2')	Soluble	Solid	300.0	109836
880-57969-7	T-2 (3')	Soluble	Solid	300.0	109836
880-57969-8	T-2 (4')	Soluble	Solid	300.0	109836
880-57969-9	T-3 (0-1')	Soluble	Solid	300.0	109836
880-57969-10	T-3 (2')	Soluble	Solid	300.0	109836
880-57969-11	T-3 (3')	Soluble	Solid	300.0	109836
880-57969-12	T-3 (4')	Soluble	Solid	300.0	109836
880-57969-13	T-4 (0-1')	Soluble	Solid	300.0	109836
880-57969-14	T-4 (2')	Soluble	Solid	300.0	109836
880-57969-15	T-4 (3')	Soluble	Solid	300.0	109836
MB 880-109836/1-A	Method Blank	Soluble	Solid	300.0	109836
LCS 880-109836/2-A	Lab Control Sample	Soluble	Solid	300.0	109836
LCSD 880-109836/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109836
880-57969-1 MS	T-1 (0-1')	Soluble	Solid	300.0	109836
880-57969-1 MSD	T-1 (0-1')	Soluble	Solid	300.0	109836
880-57969-11 MS	T-3 (3')	Soluble	Solid	300.0	109836
880-57969-11 MSD	T-3 (3')	Soluble	Solid	300.0	109836

Analysis Batch: 109919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-36	T-9 (2')	Soluble	Solid	300.0	109840
880-57969-37	T-9 (3')	Soluble	Solid	300.0	109840
880-57969-38	T-10 (0-1')	Soluble	Solid	300.0	109840
880-57969-39	T-10 (2')	Soluble	Solid	300.0	109840
880-57969-40	T-10 (3')	Soluble	Solid	300.0	109840
880-57969-41	T-10 (4')	Soluble	Solid	300.0	109840
880-57969-42	T-11 (0-1')	Soluble	Solid	300.0	109840
880-57969-43	T-11 (2')	Soluble	Solid	300.0	109840
880-57969-44	T-11 (3')	Soluble	Solid	300.0	109840
880-57969-45	T-11 (4')	Soluble	Solid	300.0	109840
880-57969-46	T-12 (0-1')	Soluble	Solid	300.0	109840
880-57969-47	T-12 (2')	Soluble	Solid	300.0	109840
880-57969-48	T-12 (3')	Soluble	Solid	300.0	109840
880-57969-49	T-12 (4')	Soluble	Solid	300.0	109840
880-57969-50	T-13 (0-1')	Soluble	Solid	300.0	109840
MB 880-109840/1-A	Method Blank	Soluble	Solid	300.0	109840
LCS 880-109840/2-A	Lab Control Sample	Soluble	Solid	300.0	109840
LCSD 880-109840/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109840
880-57969-36 MS	T-9 (2')	Soluble	Solid	300.0	109840
880-57969-36 MSD	T-9 (2')	Soluble	Solid	300.0	109840

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 109919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-46 MS	T-12 (0-1')	Soluble	Solid	300.0	109840
880-57969-46 MSD	T-12 (0-1')	Soluble	Solid	300.0	109840

Analysis Batch: 109920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-16	T-4 (4')	Soluble	Solid	300.0	109839
880-57969-17	T-4 (5')	Soluble	Solid	300.0	109839
880-57969-18	T-5 (0-1')	Soluble	Solid	300.0	109839
880-57969-19	T-5 (2')	Soluble	Solid	300.0	109839
880-57969-20	T-5 (3')	Soluble	Solid	300.0	109839
880-57969-21	T-5 (4')	Soluble	Solid	300.0	109839
880-57969-22	T-6 (0-1')	Soluble	Solid	300.0	109839
880-57969-23	T-6 (2')	Soluble	Solid	300.0	109839
880-57969-24	T-6 (3')	Soluble	Solid	300.0	109839
880-57969-25	T-6 (4')	Soluble	Solid	300.0	109839
880-57969-26	T-6 (5')	Soluble	Solid	300.0	109839
880-57969-27	T-6 (6')	Soluble	Solid	300.0	109839
880-57969-28	T-7 (0-1')	Soluble	Solid	300.0	109839
880-57969-29	T-7 (2')	Soluble	Solid	300.0	109839
880-57969-30	T-7 (3')	Soluble	Solid	300.0	109839
880-57969-31	T-7 (4')	Soluble	Solid	300.0	109839
880-57969-32	T-8 (0-1')	Soluble	Solid	300.0	109839
880-57969-33	T-8 (2')	Soluble	Solid	300.0	109839
880-57969-34	T-8 (3')	Soluble	Solid	300.0	109839
880-57969-35	T-9 (0-1')	Soluble	Solid	300.0	109839
MB 880-109839/1-A	Method Blank	Soluble	Solid	300.0	109839
LCS 880-109839/2-A	Lab Control Sample	Soluble	Solid	300.0	109839
LCSD 880-109839/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109839
880-57969-16 MS	T-4 (4')	Soluble	Solid	300.0	109839
880-57969-16 MSD	T-4 (4')	Soluble	Solid	300.0	109839
880-57969-26 MS	T-6 (5')	Soluble	Solid	300.0	109839
880-57969-26 MSD	T-6 (5')	Soluble	Solid	300.0	109839

Analysis Batch: 109942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-51	T-13 (2')	Soluble	Solid	300.0	109846
880-57969-52	T-13 (3')	Soluble	Solid	300.0	109846
880-57969-53	T-14 (0-1')	Soluble	Solid	300.0	109846
880-57969-54	T-14 (2')	Soluble	Solid	300.0	109846
880-57969-55	T-14 (3')	Soluble	Solid	300.0	109846
880-57969-56	T-15 (0-1')	Soluble	Solid	300.0	109846
880-57969-57	T-15 (2')	Soluble	Solid	300.0	109846
880-57969-58	T-15 (3')	Soluble	Solid	300.0	109846
880-57969-59	T-15 (4')	Soluble	Solid	300.0	109846
880-57969-60	T-16 (0-1')	Soluble	Solid	300.0	109846
880-57969-61	T-16 (2')	Soluble	Solid	300.0	109846
880-57969-62	T-16 (3')	Soluble	Solid	300.0	109846
880-57969-63	T-16 (4')	Soluble	Solid	300.0	109846
880-57969-64	T-17 (0-1')	Soluble	Solid	300.0	109846
880-57969-65	T-17 (2')	Soluble	Solid	300.0	109846
880-57969-66	T-17 (3')	Soluble	Solid	300.0	109846

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

HPLC/IC (Continued)

Analysis Batch: 109942 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-109846/1-A	Method Blank	Soluble	Solid	300.0	109846
LCS 880-109846/2-A	Lab Control Sample	Soluble	Solid	300.0	109846
LCSD 880-109846/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109846
880-57969-51 MS	T-13 (2')	Soluble	Solid	300.0	109846
880-57969-51 MSD	T-13 (2')	Soluble	Solid	300.0	109846
880-57969-61 MS	T-16 (2')	Soluble	Solid	300.0	109846
880-57969-61 MSD	T-16 (2')	Soluble	Solid	300.0	109846

Analysis Batch: 109970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57969-67	T-17 (4')	Soluble	Solid	300.0	109847
880-57969-68	T-17 (5')	Soluble	Solid	300.0	109847
MB 880-109847/1-A	Method Blank	Soluble	Solid	300.0	109847
LCS 880-109847/2-A	Lab Control Sample	Soluble	Solid	300.0	109847
LCSD 880-109847/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109847
880-57969-67 MS	T-17 (4')	Soluble	Solid	300.0	109847
880-57969-67 MSD	T-17 (4')	Soluble	Solid	300.0	109847

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57969-1

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 16:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 16:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 00:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 14:48	CH	EET MID

Client Sample ID: T-1 (2')

Lab Sample ID: 880-57969-2

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 16:25	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 01:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:09	CH	EET MID

Client Sample ID: T-1 (3')

Lab Sample ID: 880-57969-3

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 16:46	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 01:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:16	CH	EET MID

Client Sample ID: T-1 (4')

Lab Sample ID: 880-57969-4

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 17:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:06	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-1 (4')

Lab Sample ID: 880-57969-4

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			109947	05/13/25 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 01:46	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:23	CH	EET MID

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

Lab Sample ID: 880-57969-5

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 17:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:02	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		5			109888	05/12/25 15:30	CH	EET MID

Client Sample ID: T-2 (2')

Lab Sample ID: 880-57969-6

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 17:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:18	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		5			109888	05/12/25 15:52	CH	EET MID

Client Sample ID: T-2 (3')

Lab Sample ID: 880-57969-7

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 18:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:07	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:35	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:35	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-2 (3')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-7

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			5.03 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 15:59	CH	EET MID

Client Sample ID: T-2 (4')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-8

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			4.95 g	5 mL	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 18:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:28	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:06	CH	EET MID

Client Sample ID: T-3 (0-1')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-9

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			5.03 g	5 mL	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 03:07	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:13	CH	EET MID

Client Sample ID: T-3 (2')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-10

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			5.02 g	5 mL	109779	05/09/25 10:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109816	05/09/25 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 03:23	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:20	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-3 (3')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-11

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			5.05 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 17:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 17:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 20:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 20:24	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:27	CH	EET MID

Client Sample ID: T-3 (4')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-12

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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 18:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 21:11	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:11	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 16:48	CH	EET MID

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

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-13

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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 18:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 18:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 21:26	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:26	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		5			109888	05/13/25 08:56	CH	EET MID

Client Sample ID: T-4 (2')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-14

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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 18:51	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (2')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-14

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			109947	05/09/25 21:42	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:42	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 17:17	CH	EET MID

Client Sample ID: T-4 (3')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-15

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			5.02 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 19:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 19:12	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 21:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109836	05/09/25 13:04	SA	EET MID
Soluble	Analysis	300.0		1			109888	05/12/25 17:24	CH	EET MID

Client Sample ID: T-4 (4')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-16

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			5.01 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 19:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 19:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 22:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 22:13	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		5			109920	05/12/25 11:59	CH	EET MID

Client Sample ID: T-4 (5')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-17

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			4.98 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 19:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 19:52	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 22:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 22:31	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-4 (5')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-17
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			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:22	CH	EET MID

Client Sample ID: T-5 (0-1')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-18
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			4.95 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 20:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 20:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 22:46	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 22:46	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:30	CH	EET MID

Client Sample ID: T-5 (2')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-19
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			5.03 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 20:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 23:02	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 23:02	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:38	CH	EET MID

Client Sample ID: T-5 (3')
Date Collected: 05/06/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-20
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			5.01 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 20:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/12/25 20:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 23:17	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 23:17	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 12:46	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-5 (4')

Lab Sample ID: 880-57969-21

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 17:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:19	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/09/25 23:49	SM	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/09/25 23:49	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 13:09	CH	EET MID

Client Sample ID: T-6 (0-1')

Lab Sample ID: 880-57969-22

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 17:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 17:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:04	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:04	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		5			109920	05/12/25 13:16	CH	EET MID

Client Sample ID: T-6 (2')

Lab Sample ID: 880-57969-23

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:20	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		5			109920	05/12/25 13:24	CH	EET MID

Client Sample ID: T-6 (3')

Lab Sample ID: 880-57969-24

Date Collected: 05/06/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (3')**Lab Sample ID: 880-57969-24****Date Collected: 05/06/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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			109947	05/10/25 00:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:36	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		10			109920	05/12/25 13:32	CH	EET MID

Client Sample ID: T-6 (4')**Lab Sample ID: 880-57969-25****Date Collected: 05/06/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 18:41	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 00:52	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 00:52	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		10			109920	05/12/25 13:40	CH	EET MID

Client Sample ID: T-6 (5')**Lab Sample ID: 880-57969-26****Date Collected: 05/06/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 19:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:07	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:07	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 13:48	CH	EET MID

Client Sample ID: T-6 (6')**Lab Sample ID: 880-57969-27****Date Collected: 05/06/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:22	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:24	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:24	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-6 (6')

Date Collected: 05/06/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-27

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			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:11	CH	EET MID

Client Sample ID: T-7 (0-1')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-28

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			4.95 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 19:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 19:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:39	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:19	CH	EET MID

Client Sample ID: T-7 (2')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-29

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			5.03 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 01:54	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 01:54	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:42	CH	EET MID

Client Sample ID: T-7 (3')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-30

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			5.02 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 02:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109777	05/09/25 10:41	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109878	05/10/25 02:10	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:50	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-7 (4')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-31

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			5.00 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 21:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 21:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 21:30	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 14:57	CH	EET MID

Client Sample ID: T-8 (0-1')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-32

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 21:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 22:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:05	CH	EET MID

Client Sample ID: T-8 (2')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-33

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 22:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 22:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 22:35	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:13	CH	EET MID

Client Sample ID: T-8 (3')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-34

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			5.00 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 22:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 22:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-8 (3')**Lab Sample ID: 880-57969-34****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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			109947	05/12/25 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:21	CH	EET MID

Client Sample ID: T-9 (0-1')**Lab Sample ID: 880-57969-35****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 22:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 22:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:08	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109839	05/09/25 13:08	SA	EET MID
Soluble	Analysis	300.0		1			109920	05/12/25 15:28	CH	EET MID

Client Sample ID: T-9 (2')**Lab Sample ID: 880-57969-36****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 23:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:04	CH	EET MID

Client Sample ID: T-9 (3')**Lab Sample ID: 880-57969-37****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 23:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:30	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:39	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-9 (3')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-37

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			4.96 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:19	CH	EET MID

Client Sample ID: T-10 (0-1')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-38

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			5.05 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/09/25 23:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:51	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/12/25 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/12/25 23:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:25	CH	EET MID

Client Sample ID: T-10 (2')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-39

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			4.98 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/10/25 00:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/10/25 00:11	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 00:11	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:30	CH	EET MID

Client Sample ID: T-10 (3')

Date Collected: 05/07/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-40

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			5.01 g	5 mL	109780	05/09/25 10:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109841	05/10/25 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/10/25 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 00:27	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:35	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-10 (4')**Lab Sample ID: 880-57969-41****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 00:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 00:32	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 00:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 00:58	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 13:51	CH	EET MID

Client Sample ID: T-11 (0-1')**Lab Sample ID: 880-57969-42****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 00:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 00:53	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 01:14	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		5			109919	05/12/25 13:56	CH	EET MID

Client Sample ID: T-11 (2')**Lab Sample ID: 880-57969-43****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 01:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 01:13	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 01:30	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 01:30	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		5			109919	05/12/25 14:01	CH	EET MID

Client Sample ID: T-11 (3')**Lab Sample ID: 880-57969-44****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 01:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 01:34	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-11 (3')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-44
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			109947	05/13/25 01:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 01:46	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		5			109919	05/12/25 14:06	CH	EET MID

Client Sample ID: T-11 (4')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-45
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			5.02 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 01:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 01:54	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:02	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:02	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:11	CH	EET MID

Client Sample ID: T-12 (0-1')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-46
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			5.05 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 02:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 02:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:18	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:17	CH	EET MID

Client Sample ID: T-12 (2')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-47
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			4.98 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 02:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 02:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:35	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-12 (2')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-47

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			5.01 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:32	CH	EET MID

Client Sample ID: T-12 (3')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-48

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			4.95 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 02:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 02:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 02:50	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 02:50	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:37	CH	EET MID

Client Sample ID: T-12 (4')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-49

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			5.03 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 03:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 03:16	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:07	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 03:07	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:53	CH	EET MID

Client Sample ID: T-13 (0-1')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-50

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			5.02 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 03:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/13/25 03:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109783	05/09/25 10:59	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109980	05/13/25 03:23	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109840	05/09/25 13:11	SA	EET MID
Soluble	Analysis	300.0		1			109919	05/12/25 14:58	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-13 (2')

Lab Sample ID: 880-57969-51

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 05:27	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 18:32	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 18:32	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:07	CH	EET MID

Client Sample ID: T-13 (3')

Lab Sample ID: 880-57969-52

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 05:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 05:47	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 19:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 19:16	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:28	CH	EET MID

Client Sample ID: T-14 (0-1')

Lab Sample ID: 880-57969-53

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 06:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 06:08	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 19:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 19:31	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:35	CH	EET MID

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 06:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 06:28	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-14 (2')

Lab Sample ID: 880-57969-54

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			109947	05/10/25 19:46	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 19:46	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:42	CH	EET MID

Client Sample ID: T-14 (3')

Lab Sample ID: 880-57969-55

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 06:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 06:48	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:01	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 12:49	CH	EET MID

Client Sample ID: T-15 (0-1')

Lab Sample ID: 880-57969-56

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 07:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 07:09	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:16	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 13:11	CH	EET MID

Client Sample ID: T-15 (2')

Lab Sample ID: 880-57969-57

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 07:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 07:29	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:31	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-15 (2')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-57

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			5.00 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 13:18	CH	EET MID

Client Sample ID: T-15 (3')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-58

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			5.05 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 07:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 07:50	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 20:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 20:45	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:57	CH	EET MID

Client Sample ID: T-15 (4')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-59

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			4.98 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 08:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 08:10	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:00	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 13:32	CH	EET MID

Client Sample ID: T-16 (0-1')

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-60

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			5.01 g	5 mL	109781	05/09/25 10:53	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/13/25 08:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/13/25 08:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:14	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 13:39	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-16 (2')

Lab Sample ID: 880-57969-61

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 20:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:02	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:44	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 13:46	CH	EET MID

Client Sample ID: T-16 (3')

Lab Sample ID: 880-57969-62

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 21:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 21:58	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:07	CH	EET MID

Client Sample ID: T-16 (4')

Lab Sample ID: 880-57969-63

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 20:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 20:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 22:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:14	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:14	CH	EET MID

Client Sample ID: T-17 (0-1')

Lab Sample ID: 880-57969-64

Date Collected: 05/08/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 21:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:03	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (0-1')**Lab Sample ID: 880-57969-64****Date Collected: 05/08/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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			109947	05/10/25 22:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:28	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:36	CH	EET MID

Client Sample ID: T-17 (2')**Lab Sample ID: 880-57969-65****Date Collected: 05/08/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 21:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 21:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 22:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:44	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		5			109942	05/13/25 14:43	CH	EET MID

Client Sample ID: T-17 (3')**Lab Sample ID: 880-57969-66****Date Collected: 05/08/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 23:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 22:58	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 22:58	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109846	05/09/25 13:13	SA	EET MID
Soluble	Analysis	300.0		1			109942	05/13/25 14:50	CH	EET MID

Client Sample ID: T-17 (4')**Lab Sample ID: 880-57969-67****Date Collected: 05/08/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 23:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:34	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 23:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 23:14	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Client Sample ID: T-17 (4')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-67
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	109847	05/09/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			109970	05/12/25 21:58	CH	EET MID

Client Sample ID: T-17 (5')
Date Collected: 05/08/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57969-68
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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 23:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109969	05/09/25 23:55	SM	EET MID
Total/NA	Analysis	8015 NM		1			109947	05/10/25 23:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109784	05/09/25 11:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109908	05/10/25 23:28	TKC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	109847	05/09/25 13:15	SA	EET MID
Soluble	Analysis	300.0		1			109970	05/12/25 22:13	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: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57969-1	T-1 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-2	T-1 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-3	T-1 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-4	T-1 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-5	T-2 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-6	T-2 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-7	T-2 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-8	T-2 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-9	T-3 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-10	T-3 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-11	T-3 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-12	T-3 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-13	T-4 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-14	T-4 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-15	T-4 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-16	T-4 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-17	T-4 (5')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-18	T-5 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-19	T-5 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-20	T-5 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-21	T-5 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-22	T-6 (0-1')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-23	T-6 (2')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-24	T-6 (3')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-25	T-6 (4')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-26	T-6 (5')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-27	T-6 (6')	Solid	05/06/25 00:00	05/09/25 10:06
880-57969-28	T-7 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-29	T-7 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-30	T-7 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-31	T-7 (4')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-32	T-8 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-33	T-8 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-34	T-8 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-35	T-9 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-36	T-9 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-37	T-9 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-38	T-10 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-39	T-10 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-40	T-10 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-41	T-10 (4')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-42	T-11 (0-1')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-43	T-11 (2')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-44	T-11 (3')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-45	T-11 (4')	Solid	05/07/25 00:00	05/09/25 10:06
880-57969-46	T-12 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-47	T-12 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-48	T-12 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-49	T-12 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-50	T-13 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-51	T-13 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-52	T-13 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-53	T-14 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-54	T-14 (2')	Solid	05/08/25 00:00	05/09/25 10:06

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57969-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57969-55	T-14 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-56	T-15 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-57	T-15 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-58	T-15 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-59	T-15 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-60	T-16 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-61	T-16 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-62	T-16 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-63	T-16 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-64	T-17 (0-1')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-65	T-17 (2')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-66	T-17 (3')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-67	T-17 (4')	Solid	05/08/25 00:00	05/09/25 10:06
880-57969-68	T-17 (5')	Solid	05/08/25 00:00	05/09/25 10:06

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

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

Chain of Custody



880-57969 Chain of Custody

Page 1 of 7

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

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ JRC ☐ perfund ☐
State of Project:	
Reporting Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:		NGL Paduca Booster		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	2689	☒ Routine	☐ Rush											None: NO	DI Water: H ₂ O			
Project Location	Lea County, New Mexico			Due Date:											Cool: Cool	MeOH: Me		
Sampler's Name:	JR & CRM													HCL: HC	HNO ₃ : HN			
PO #:														H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT	Temp Blank:	Yes	No	Thermometer ID:	Wet Loc:	Yes	No								H ₃ PO ₄ : HP			
	Received Intact:	Yes	No												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								Sample Comments			
T-1 (0-1')		5/6/2025		X		G	1	X	X	X								
T-1 (2')		5/6/2025		X		G	1	X	X	X								
T-1 (3')		5/6/2025		X		G	1	X	X	X								
T-1 (4')		5/6/2025		X		G	1	X	X	X								
T-2 (0-1')		5/6/2025		X		G	1	X	X	X								
T-2 (2')		5/6/2025		X		G	1	X	X	X								
T-2 (3')		5/6/2025		X		G	1	X	X	X								
T-2 (4')		5/6/2025		X		G	1	X	X	X								
T-3 (0-1')		5/6/2025		X		G	1	X	X	X								
T-3 (2')		5/6/2025		X		G	1	X	X	X								

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		5.9.25
			1006

Chain of Custody

Work Order No: _____

Page 2 of 7

Project Manager:	Conner Moehring	Bill to: (if different)	Cammona Resources
Company Name:	Cammona 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:	mcammona@cammonaresources.com

Work Order Comments				
Program:	UST/PST	PRP	rownfields	RRC
State of Project:				perfund
Reporting Level II	☐	level III	☐	ST/UST
Deliverables:	EDD	☐	ADAPT	☐
			Other:	☐

[illegible]

Sample Identification	Date	Time	Soil	Water	Grab Comp	# of Cont	TPH										Sample Comments		
T-3 (3)	5/6/2025		X		G	1	X	X	X										
T-3 (4)	5/6/2025		X		G	1	X	X	X	X									
T-4 (0-1')	5/6/2025		X		G	1	X	X	X	X									
T-4 (2')	5/6/2025		X		G	1	X	X	X	X									
T-4 (3')	5/6/2025		X		G	1	X	X	X	X									
T-4 (4')	5/6/2025		X		G	1	X	X	X	X									
T-4 (5')	5/6/2025		X		G	1	X	X	X	X									
T-5 (0-1')	5/6/2025		X		G	1	X	X	X	X									
T-5 (2')	5/6/2025		X		G	1	X	X	X	X									
T-5 (3')	5/6/2025		X		G	1	X	X	X	X									

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/1/25		

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

Chain of Custody

Work Order No: _____

Page 3 of 7

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

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

Project Name:	NGL Paduca Booster	Turn Around	Analysis Request	Preservative Codes
Project Number:	2689	☒ Routine ☐ Rush	Prst. Code	None: NO DI Water: H ₂ O
Project Location:	Lea County, New Mexico	Due Date:		Cool: Cool MeOH: Me
Sampler's Name:	JR & CRM			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	ANALYSIS REQUEST	Sample Comments
T-5 (4')	5/6/2025		X		G	1	BTEX 8021B		
T-6 (0-1')	5/6/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)		
T-6 (2')	5/6/2025		X		G	1	Chloride 300.0		
T-6 (3')	5/6/2025		X		G	1			
T-6 (4')	5/6/2025		X		G	1			
T-6 (5')	5/6/2025		X		G	1			
T-6 (6')	5/6/2025		X		G	1			
T-7 (0-1')	5/7/2025		X		G	1			
T-7 (2')	5/7/2025		X		G	1			
T-7 (3')	5/7/2025		X		G	1			

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/13/25		

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

Chain of Custody

Work Order No: _____

Page 4 of 7

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

Project Name:	NGL Paduca Booster	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2689	☒ Routine ☐ Rush															None: NO	DI Water: H ₂ O		
Project Location:	Lea County, New Mexico	Due Date:															Cool: Cool	MeOH: Me		
Sampler's Name:	JR & CRM																HCL: HC	HNO ₃ : HN		
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No													H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:													NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes	No	Correction Factor:													Na ₂ S ₂ O ₅ : NaSO ₃				
Sample Custody Seals:	Yes	No	Temperature Reading:													Zn Acetate+NaOH: Zn				
Total Containers:			Corrected Temperature:													NaOH+Ascorbic Acid: SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments			
T-7 (4')	5/7/2025		X		G	1	BTX 8021B															
T-8 (0-1')	5/7/2025		X		G	1	TPH 8015M (GRO + DRO + MRO)															
T-8 (2')	5/7/2025		X		G	1	Chloride 300.0															
T-8 (3')	5/7/2025		X		G	1																
T-9 (0-1')	5/7/2025		X		G	1																
T-9 (2')	5/7/2025		X		G	1																
T-9 (3')	5/7/2025		X		G	1																
T-10 (0-1')	5/7/2025		X		G	1																
T-10 (2')	5/7/2025		X		G	1																
T-10 (3')	5/7/2025		X		G	1																

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		

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

Chain of Custody

Work Order No: _____

Page 5 of 7

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

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

Project Name:	NGL Paduca Booster		Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes							
Project Number:	2689		☒ Routine ☐ Rush															None: NO	DI Water: H ₂ O					
Project Location:	Lea County, New Mexico		Due Date:															Cool: Cool	MeOH: Me					
Sampler's Name:	JR & CRM																	HCL: HC	HNO ₃ : HN					
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na						
SAMPLE RECEIPT				Temp Blank:	Yes	No	Thermometer ID:	Wet Ice:	Yes	No													H ₃ PO ₄ : HP	
Received In tact:	Yes		No	Correction Factor:													NaHSO ₄ : NABIS							
Cooler Custody Seals:	Yes		No	Temperature Reading:													Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:	Yes		No	Corrected Temperature:													Zn Acetate+NaOH: Zn							
Total Containers:																	NaOH+Ascorbic Acid: SAPC							

Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH												Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
T-10 (4)		5/7/2025		X		G	1	X	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/13/25		

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

Chain of Custody

Work Order No: _____

Page 6 of 7

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

Project Name:	NGL Paduca Booster	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	2689	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O	
Project Location:	Lea County, New Mexico	Due Date:														Cool: Cool	MeOH: Me	
Sampler's Name:	JR & CRM															HCL: HC	HNO ₃ : HN	
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na	
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No											H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:											NaHSO ₄ : NABIS				
Cooler Custody Seals:	Yes	No	Correction Factor:											Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:	Yes	No	Temperature Reading:											Zn Acetate+NaOH: Zn				
Total Containers:			Corrected Temperature:											NaOH+Ascorbic Acid: SAPC				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	TPH												Sample Comments
T-13 (2)	5/8/2025		X		G	1	X	X	X										
T-13 (3)	5/8/2025		X		G	1	X	X	X										
T-14 (0-1')	5/8/2025		X		G	1	X	X	X										
T-14 (2)	5/8/2025		X		G	1	X	X	X										
T-14 (3)	5/8/2025		X		G	1	X	X	X										
T-15 (0-1')	5/8/2025		X		G	1	X	X	X										
T-15 (2)	5/8/2025		X		G	1	X	X	X										
T-15 (3)	5/8/2025		X		G	1	X	X	X										
T-15 (4)	5/8/2025		X		G	1	X	X	X										
T-16 (0-1')	5/8/2025		X		G	1	X	X	X										

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Comer Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/13/25		

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

Chain of Custody

Work Order No: _____

Page 7 of 7

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

Project Name:	NGL Paduca Booster	Turn Around	Parameters	ANALYSIS REQUEST	Preservative Codes
Project Number:	2689	☒ Routine ☐ Rush	Pras. Code		None: NO DI Water: H ₂ O
Project Location:	Lea County, New Mexico	Due Date:			Cool: Cool MeOH: Me
Sampler's Name:	JR & CRM				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:			NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes No N/A	Correction Factor:			Na ₂ S ₂ O ₃ : NaSO ₃
Sample Custody Seals:	Yes No N/A	Temperature Reading:			Zn Acetate+NaOH: Zn
Total Containers:		Corrected Temperature:			NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
T-16 (2)	5/8/2025		X		G	1	X	X	X	X							
T-16 (3)	5/8/2025		X		G	1	X	X	X	X							
T-16 (4)	5/8/2025		X		G	1	X	X	X	X							
T-17 (0-1')	5/8/2025		X		G	1	X	X	X	X							
T-17 (2')	5/8/2025		X		G	1	X	X	X	X							
T-17 (3')	5/8/2025		X		G	1	X	X	X	X							
T-17 (4')	5/8/2025		X		G	1	X	X	X	X							
T-17 (5')	5/8/2025		X		G	1	X	X	X	X							

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/12/25		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57969-1

SDG Number: Lea County New Mexico

Login Number: 57969

List Number: 1

Creator: Kramer, Jessica

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.	True	
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

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/13/2025 11:38:49 AM

JOB DESCRIPTION

NGL Paduca Booster
Lea County New Mexico

JOB NUMBER

880-57968-1

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
5/13/2025 11:38:49 AM

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

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Laboratory Job ID: 880-57968-1
SDG: Lea County New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	7
Surrogate Summary	19
QC Sample Results	21
QC Association Summary	33
Lab Chronicle	38
Certification Summary	43
Method Summary	44
Sample Summary	45
Chain of Custody	46
Receipt Checklists	48

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, 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: NGL Paduca Booster

Job ID: 880-57968-1

Job ID: 880-57968-1**Eurofins Midland**

Job Narrative
880-57968-1

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 5/9/2025 10:06 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.4°C.

GC VOA

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109782 and analytical batch 880-109887 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-109922 and analytical batch 880-109913 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-7 (0-0.5') (880-57968-7), (880-56959-A-16-F MDLV) and (880-57988-A-1-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109922 and analytical batch 880-109913 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 880-109916 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is:(CCV 880-109916/33).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-109838 and analytical batch 880-109916 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: H-1 (0-0.5') (880-57968-1). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-3 (0-0.5') (880-57968-3), (880-57968-A-3-G MS) and (880-57968-A-3-H MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside the upper control limit: H-4 (0-0.5') (880-57968-4) and H-5 (0-0.5') (880-57968-5). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-109950 and analytical batch 880-109955 was outside the upper control limits.

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project: NGL Paduca Booster

Job ID: 880-57968-1

Job ID: 880-57968-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-56959-A-31-F MDLV). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109775 and analytical batch 880-109979 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-109778 and analytical batch 880-109796 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-1

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 19:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:42	05/09/25 19:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:42	05/09/25 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	05/09/25 10:42	05/09/25 19:24	1
1,4-Difluorobenzene (Surr)	105		70 - 130	05/09/25 10:42	05/09/25 19:24	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			05/09/25 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			05/12/25 14:23	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	<50.4	U	50.4		mg/Kg		05/12/25 11:03	05/12/25 14:23	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		05/12/25 11:03	05/12/25 14:23	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		05/12/25 11:03	05/12/25 14:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	153	S1+	70 - 130	05/12/25 11:03	05/12/25 14:23	1
o-Terphenyl (Surr)	154	S1+	70 - 130	05/12/25 11:03	05/12/25 14:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	78.9		9.94		mg/Kg			05/09/25 19:58	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-57968-2

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 19:45	1
Toluene	0.00324		0.00198		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		05/09/25 10:42	05/09/25 19:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		05/09/25 10:42	05/09/25 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/09/25 10:42	05/09/25 19:45	1
1,4-Difluorobenzene (Surr)	111		70 - 130	05/09/25 10:42	05/09/25 19:45	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-57968-2

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5		mg/Kg			05/12/25 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5		mg/Kg		05/12/25 11:03	05/12/25 14:38	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5		mg/Kg		05/12/25 11:03	05/12/25 14:38	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5		mg/Kg		05/12/25 11:03	05/12/25 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	122		70 - 130				05/12/25 11:03	05/12/25 14:38	1
o-Terphenyl (Surr)	128		70 - 130				05/12/25 11:03	05/12/25 14:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.0		10.0		mg/Kg			05/09/25 20:05	1

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

Lab Sample ID: 880-57968-3

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 20:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:42	05/09/25 20:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130				05/09/25 10:42	05/09/25 20:05	1
1,4-Difluorobenzene (Surr)	102		70 - 130				05/09/25 10:42	05/09/25 20:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/12/25 13:09	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	<49.8	U	49.8		mg/Kg		05/12/25 11:04	05/12/25 13:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/12/25 11:04	05/12/25 13:09	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-3

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 11:04	05/12/25 13:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	151	S1+	70 - 130				05/12/25 11:04	05/12/25 13:09	1
o-Terphenyl (Surr)	136	S1+	70 - 130				05/12/25 11:04	05/12/25 13:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	104		9.98		mg/Kg			05/09/25 20:13	1

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

Lab Sample ID: 880-57968-4

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:42	05/09/25 20:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:42	05/09/25 20:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				05/09/25 10:42	05/09/25 20:26	1
1,4-Difluorobenzene (Surr)	98		70 - 130				05/09/25 10:42	05/09/25 20:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/09/25 20:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 14:23	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	<49.9	U	49.9		mg/Kg		05/12/25 11:04	05/12/25 14:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/12/25 11:04	05/12/25 14:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/12/25 11:04	05/12/25 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	144	S1+	70 - 130				05/12/25 11:04	05/12/25 14:23	1
o-Terphenyl (Surr)	130		70 - 130				05/12/25 11:04	05/12/25 14:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	142		10.1		mg/Kg			05/09/25 20:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-57968-5

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00209		0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 20:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	05/09/25 13:07	05/12/25 20:33	1
1,4-Difluorobenzene (Surr)	122		70 - 130	05/09/25 13:07	05/12/25 20:33	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			05/12/25 20:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			05/12/25 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		05/12/25 11:04	05/12/25 14:38	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		05/12/25 11:04	05/12/25 14:38	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		05/12/25 11:04	05/12/25 14:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	148	S1+	70 - 130	05/12/25 11:04	05/12/25 14:38	1
o-Terphenyl (Surr)	135	S1+	70 - 130	05/12/25 11:04	05/12/25 14:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	120		9.90		mg/Kg			05/09/25 20:29	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-57968-6

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/10/25 00:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/10/25 00:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/10/25 00:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		70 - 130	05/09/25 10:56	05/10/25 00:15	1
1,4-Difluorobenzene (Surr)	108		70 - 130	05/09/25 10:56	05/10/25 00:15	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-57968-6

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/10/25 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/12/25 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 21:30	1
Diesel Range Organics (Over C10-C28)	<50.1	U F1	50.1		mg/Kg		05/09/25 10:32	05/12/25 21:30	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 21:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130				05/09/25 10:32	05/12/25 21:30	1
o-Terphenyl (Surr)	107		70 - 130				05/09/25 10:32	05/12/25 21:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.0	F1	10.0		mg/Kg			05/09/25 20:37	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-57968-7

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		05/12/25 08:52	05/12/25 13:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130				05/12/25 08:52	05/12/25 13:56	1
1,4-Difluorobenzene (Surr)	120		70 - 130				05/12/25 08:52	05/12/25 13:56	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			05/12/25 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			05/12/25 22:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/12/25 22:18	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/12/25 22:18	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-57968-7

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:32	05/12/25 22:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				05/09/25 10:32	05/12/25 22:18	1
o-Terphenyl (Surr)	104		70 - 130				05/09/25 10:32	05/12/25 22:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		9.98		mg/Kg			05/09/25 21:00	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-57968-8

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 14:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/12/25 08:52	05/12/25 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130				05/12/25 08:52	05/12/25 14:17	1
1,4-Difluorobenzene (Surr)	112		70 - 130				05/12/25 08:52	05/12/25 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/12/25 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			05/12/25 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	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 22:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 22:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 22:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130				05/09/25 10:32	05/12/25 22:35	1
o-Terphenyl (Surr)	109		70 - 130				05/09/25 10:32	05/12/25 22:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.8		10.1		mg/Kg			05/09/25 21:08	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-57968-9

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 14:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		05/12/25 08:52	05/12/25 14:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		05/12/25 08:52	05/12/25 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	05/12/25 08:52	05/12/25 14:37	1
1,4-Difluorobenzene (Surr)	111		70 - 130	05/12/25 08:52	05/12/25 14:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/12/25 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			05/12/25 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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 22:51	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 22:51	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 22:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	05/09/25 10:32	05/12/25 22:51	1
o-Terphenyl (Surr)	96		70 - 130	05/09/25 10:32	05/12/25 22:51	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	115		9.94		mg/Kg			05/09/25 21:31	1

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-57968-10

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/12/25 08:52	05/12/25 14:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/12/25 08:52	05/12/25 14:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/12/25 08:52	05/12/25 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	128		70 - 130	05/12/25 08:52	05/12/25 14:58	1
1,4-Difluorobenzene (Surr)	110		70 - 130	05/12/25 08:52	05/12/25 14:58	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-57968-10

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/12/25 14:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			05/12/25 23:08	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	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:08	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:08	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130				05/09/25 10:32	05/12/25 23:08	1
o-Terphenyl (Surr)	104		70 - 130				05/09/25 10:32	05/12/25 23:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	97.6		9.92		mg/Kg			05/09/25 21:39	1

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-57968-11

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 18:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 18:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				05/09/25 10:56	05/09/25 18:20	1
1,4-Difluorobenzene (Surr)	113		70 - 130				05/09/25 10:56	05/09/25 18:20	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/09/25 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	<50.1	U	50.1		mg/Kg			05/12/25 23:23	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	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 23:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 23:23	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-11 (0-0.5')

Lab Sample ID: 880-57968-11

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		05/09/25 10:32	05/12/25 23:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				05/09/25 10:32	05/12/25 23:23	1
o-Terphenyl (Surr)	104		70 - 130				05/09/25 10:32	05/12/25 23:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		10.0		mg/Kg			05/09/25 21:46	1

Client Sample ID: H-12 (0-0.5')

Lab Sample ID: 880-57968-12

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 18:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 10:56	05/09/25 18:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				05/09/25 10:56	05/09/25 18:40	1
1,4-Difluorobenzene (Surr)	121		70 - 130				05/09/25 10:56	05/09/25 18:40	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			05/09/25 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	<50.2	U	50.2		mg/Kg			05/12/25 23:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:39	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:39	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		05/09/25 10:32	05/12/25 23:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130				05/09/25 10:32	05/12/25 23:39	1
o-Terphenyl (Surr)	104		70 - 130				05/09/25 10:32	05/12/25 23:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		9.98		mg/Kg			05/09/25 21:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-13 (0-0.5')

Lab Sample ID: 880-57968-13

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 19:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		05/09/25 10:56	05/09/25 19:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		05/09/25 10:56	05/09/25 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/09/25 10:56	05/09/25 19:01	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/09/25 10:56	05/09/25 19:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/09/25 19:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			05/12/25 23:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/12/25 23:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/12/25 23:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/12/25 23:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	05/09/25 10:32	05/12/25 23:55	1
o-Terphenyl (Surr)	106		70 - 130	05/09/25 10:32	05/12/25 23:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		10.1		mg/Kg			05/09/25 22:02	1

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-57968-14

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 19:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	05/09/25 10:56	05/09/25 19:21	1
1,4-Difluorobenzene (Surr)	108		70 - 130	05/09/25 10:56	05/09/25 19:21	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-14 (0-0.5')

Lab Sample ID: 880-57968-14

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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			05/09/25 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			05/13/25 00:11	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	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/13/25 00:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/13/25 00:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		05/09/25 10:32	05/13/25 00:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130				05/09/25 10:32	05/13/25 00:11	1
o-Terphenyl (Surr)	100		70 - 130				05/09/25 10:32	05/13/25 00:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.7		9.98		mg/Kg			05/09/25 22:10	1

Client Sample ID: H-15 (0-0.5')

Lab Sample ID: 880-57968-15

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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		05/09/25 10:56	05/09/25 19:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		05/09/25 10:56	05/09/25 19:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130				05/09/25 10:56	05/09/25 19:42	1
1,4-Difluorobenzene (Surr)	112		70 - 130				05/09/25 10:56	05/09/25 19:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/09/25 19:42	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			05/13/25 00:27	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		05/09/25 10:32	05/13/25 00:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		05/09/25 10:32	05/13/25 00:27	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-15 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-15
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		05/09/25 10:32	05/13/25 00:27	1	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac	
1-Chlorooctane (Surr)	107		70 - 130				05/09/25 10:32	05/13/25 00:27	1	
o-Terphenyl (Surr)	107		70 - 130				05/09/25 10:32	05/13/25 00:27	1	

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble										
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	114		10.0		mg/Kg			05/09/25 22:18	1	

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-56959-A-20-A MB	Method Blank	95	111
880-57967-A-2-B MS	Matrix Spike	87	89
880-57967-A-2-C MSD	Matrix Spike Duplicate	89	95
880-57968-1	H-1 (0-0.5')	90	105
880-57968-2	H-2 (0-0.5')	94	111
880-57968-3	H-3 (0-0.5')	87	102
880-57968-4	H-4 (0-0.5')	86	98
880-57968-5	H-5 (0-0.5')	98	122
880-57968-6	H-6 (0-0.5')	124	108
880-57968-7	H-7 (0-0.5')	134 S1+	120
880-57968-8	H-8 (0-0.5')	126	112
880-57968-9	H-9 (0-0.5')	123	111
880-57968-10	H-10 (0-0.5')	128	110
880-57968-11	H-11 (0-0.5')	101	113
880-57968-11 MS	H-11 (0-0.5')	104	100
880-57968-11 MSD	H-11 (0-0.5')	113	110
880-57968-12	H-12 (0-0.5')	85	121
880-57968-13	H-13 (0-0.5')	115	115
880-57968-14	H-14 (0-0.5')	126	108
880-57968-15	H-15 (0-0.5')	127	112
880-57988-A-1-D MS	Matrix Spike	107	98
880-57988-A-1-E MSD	Matrix Spike Duplicate	106	102
890-8138-A-2-B MS	Matrix Spike	94	103
890-8138-A-2-C MSD	Matrix Spike Duplicate	96	105
LCS 880-109769/1-A	Lab Control Sample	94	102
LCS 880-109782/1-A	Lab Control Sample	107	100
LCS 880-109838/1-A	Lab Control Sample	92	105
LCS 880-109922/1-A	Lab Control Sample	101	103
LCSD 880-109769/2-A	Lab Control Sample Dup	93	110
LCSD 880-109782/2-A	Lab Control Sample Dup	103	113
LCSD 880-109838/2-A	Lab Control Sample Dup	102	126
LCSD 880-109922/2-A	Lab Control Sample Dup	111	101
MB 880-109769/5-A	Method Blank	91	91
MB 880-109782/5-A	Method Blank	154 S1+	100
MB 880-109838/5-A	Method Blank	93	94
MB 880-109922/5-A	Method Blank	164 S1+	92

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)
880-57968-1	H-1 (0-0.5')	153 S1+	154 S1+
880-57968-2	H-2 (0-0.5')	122	128
880-57968-3	H-3 (0-0.5')	151 S1+	136 S1+

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-57968-3 MS	H-3 (0-0.5')	134 S1+	114
880-57968-3 MSD	H-3 (0-0.5')	131 S1+	110
880-57968-4	H-4 (0-0.5')	144 S1+	130
880-57968-5	H-5 (0-0.5')	148 S1+	135 S1+
880-57968-6	H-6 (0-0.5')	108	107
880-57968-6 MS	H-6 (0-0.5')	97	104
880-57968-6 MSD	H-6 (0-0.5')	98	105
880-57968-7	H-7 (0-0.5')	106	104
880-57968-8	H-8 (0-0.5')	112	109
880-57968-9	H-9 (0-0.5')	99	96
880-57968-10	H-10 (0-0.5')	104	104
880-57968-11	H-11 (0-0.5')	106	104
880-57968-12	H-12 (0-0.5')	106	104
880-57968-13	H-13 (0-0.5')	106	106
880-57968-14	H-14 (0-0.5')	103	100
880-57968-15	H-15 (0-0.5')	107	107
890-8142-A-5-E MS	Matrix Spike	106	105
890-8142-A-5-F MSD	Matrix Spike Duplicate	106	108
LCS 880-109775/2-A	Lab Control Sample	124	123
LCS 880-109950/2-A	Lab Control Sample	82	82
LCS 880-109951/2-A	Lab Control Sample	81	70
LCSD 880-109775/3-A	Lab Control Sample Dup	122	125
LCSD 880-109950/3-A	Lab Control Sample Dup	96	94
LCSD 880-109951/3-A	Lab Control Sample Dup	85	72
MB 880-109775/1-A	Method Blank	105	100
MB 880-109950/1-A	Method Blank	74	72
MB 880-109951/1-A	Method Blank	81	73

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-56959-A-20-A MB

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 16:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		05/09/25 08:58	05/09/25 16:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	05/09/25 08:58	05/09/25 16:55	1
1,4-Difluorobenzene (Surr)	111		70 - 130	05/09/25 08:58	05/09/25 16:55	1

Lab Sample ID: MB 880-109769/5-A

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 08:58	05/09/25 11:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 08:58	05/09/25 11:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/09/25 08:58	05/09/25 11:28	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/09/25 08:58	05/09/25 11:28	1

Lab Sample ID: LCS 880-109769/1-A

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1059		mg/Kg		106	70 - 130
Toluene	0.100	0.09472		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1032		mg/Kg		103	70 - 130
m,p-Xylenes	0.200	0.2031		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1009		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-109769/2-A

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1136		mg/Kg		114	70 - 130	7	35

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109769/2-A

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109769

Analyte	Spike		LCSD	LCSD	Unit	D	%Rec	%Rec		RPD	
	Added	Result	Qualifier	Limit				Limits	RPD	Limit	Limit
Toluene	0.100	0.09625			mg/Kg		96	70 - 130	2	35	35
Ethylbenzene	0.100	0.1038			mg/Kg		104	70 - 130	1	35	35
m,p-Xylenes	0.200	0.1986			mg/Kg		99	70 - 130	2	35	35
o-Xylene	0.100	0.09856			mg/Kg		99	70 - 130	2	35	35

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: 890-8138-A-2-B MS

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109769

Analyte	Sample		Spike	MS		Unit	D	%Rec	%Rec	
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit
Benzene	<0.00200	U	0.100	0.09869		mg/Kg		99	70 - 130	
Toluene	<0.00200	U	0.100	0.08513		mg/Kg		85	70 - 130	
Ethylbenzene	<0.00200	U	0.100	0.08998		mg/Kg		90	70 - 130	
m,p-Xylenes	<0.00400	U	0.200	0.1751		mg/Kg		88	70 - 130	
o-Xylene	<0.00200	U	0.100	0.08598		mg/Kg		86	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	94		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-8138-A-2-C MSD

Matrix: Solid

Analysis Batch: 109766

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109769

Analyte	Sample		Spike	MSD		Unit	D	%Rec	%Rec		RPD	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit	Limit
Benzene	<0.00200	U	0.100	0.09964		mg/Kg		100	70 - 130	1	35	35
Toluene	<0.00200	U	0.100	0.08760		mg/Kg		88	70 - 130	3	35	35
Ethylbenzene	<0.00200	U	0.100	0.08969		mg/Kg		90	70 - 130	0	35	35
m,p-Xylenes	<0.00400	U	0.200	0.1751		mg/Kg		88	70 - 130	0	35	35
o-Xylene	<0.00200	U	0.100	0.08700		mg/Kg		87	70 - 130	1	35	35

Surrogate	MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-109782/5-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109782

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109782/5-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109782

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 10:56	05/09/25 17:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 10:56	05/09/25 17:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	05/09/25 10:56	05/09/25 17:51	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/09/25 10:56	05/09/25 17:51	1

Lab Sample ID: LCS 880-109782/1-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1001		mg/Kg		100	70 - 130
Toluene	0.100	0.08709		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.09729		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1922		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09359		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-109782/2-A

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1009		mg/Kg		101	70 - 130	1	35
Toluene	0.100	0.08166		mg/Kg		82	70 - 130	6	35
Ethylbenzene	0.100	0.08628		mg/Kg		86	70 - 130	12	35
m,p-Xylenes	0.200	0.1921		mg/Kg		96	70 - 130	0	35
o-Xylene	0.100	0.09710		mg/Kg		97	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-57968-11 MS

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: H-11 (0-0.5')

Prep Type: Total/NA

Prep Batch: 109782

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.100	0.09584		mg/Kg		96	70 - 130
Toluene	<0.00200	U	0.100	0.08094		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.09352		mg/Kg		94	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1832		mg/Kg		92	70 - 130
o-Xylene	<0.00200	U	0.100	0.09215		mg/Kg		92	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-11 MS

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: H-11 (0-0.5')

Prep Type: Total/NA

Prep Batch: 109782

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

Lab Sample ID: 880-57968-11 MSD

Matrix: Solid

Analysis Batch: 109887

Client Sample ID: H-11 (0-0.5')

Prep Type: Total/NA

Prep Batch: 109782

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	0.09335		mg/Kg		93	70 - 130	3	35
Toluene	<0.00200	U	0.100	0.08363		mg/Kg		84	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.08641		mg/Kg		86	70 - 130	8	35
m,p-Xylenes	<0.00400	U	0.200	0.1949		mg/Kg		97	70 - 130	6	35
o-Xylene	<0.00200	U	0.100	0.1016		mg/Kg		102	70 - 130	10	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-109838/5-A

Matrix: Solid

Analysis Batch: 109916

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/09/25 13:07	05/12/25 11:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/09/25 13:07	05/12/25 11:29	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
4-Bromofluorobenzene (Surr)	93		70 - 130	05/09/25 13:07	05/12/25 11:29	1			
1,4-Difluorobenzene (Surr)	94		70 - 130	05/09/25 13:07	05/12/25 11:29	1			

Lab Sample ID: LCS 880-109838/1-A

Matrix: Solid

Analysis Batch: 109916

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1147		mg/Kg		115	70 - 130
Toluene	0.100	0.09802		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130
m,p-Xylenes	0.200	0.1968		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09879		mg/Kg		99	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109838/1-A

Matrix: Solid

Analysis Batch: 109916

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109838

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

Lab Sample ID: LCSD 880-109838/2-A

Matrix: Solid

Analysis Batch: 109916

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109838

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1251		mg/Kg		125	70 - 130	9	35
Toluene	0.100	0.09407		mg/Kg		94	70 - 130	4	35
Ethylbenzene	0.100	0.1104		mg/Kg		110	70 - 130	4	35
m,p-Xylenes	0.200	0.2032		mg/Kg		102	70 - 130	3	35
o-Xylene	0.100	0.09687		mg/Kg		97	70 - 130	2	35

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	126		70 - 130

Lab Sample ID: 880-57967-A-2-B MS

Matrix: Solid

Analysis Batch: 109916

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F2 F1	0.100	0.06931	F1	mg/Kg		69	70 - 130
Toluene	<0.00200	U F2 F1	0.100	0.05701	F1	mg/Kg		57	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.100	0.06807	F1	mg/Kg		68	70 - 130
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.1132	F1	mg/Kg		57	70 - 130
o-Xylene	<0.00200	U F2 F1	0.100	0.05957	F1	mg/Kg		60	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-57967-A-2-C MSD

Matrix: Solid

Analysis Batch: 109916

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.02913	F2 F1	mg/Kg		29	70 - 130	82	35
Toluene	<0.00200	U F2 F1	0.100	0.02409	F2 F1	mg/Kg		24	70 - 130	81	35
Ethylbenzene	<0.00200	U F2 F1	0.100	0.02811	F2 F1	mg/Kg		28	70 - 130	83	35
m,p-Xylenes	<0.00399	U F2 F1	0.200	0.04965	F2 F1	mg/Kg		25	70 - 130	78	35
o-Xylene	<0.00200	U F2 F1	0.100	0.02931	F2 F1	mg/Kg		29	70 - 130	68	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109922/5-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/12/25 08:52	05/12/25 12:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/12/25 08:52	05/12/25 12:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	05/12/25 08:52	05/12/25 12:00	1
1,4-Difluorobenzene (Surr)	92		70 - 130	05/12/25 08:52	05/12/25 12:00	1

Lab Sample ID: LCS 880-109922/1-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.08466		mg/Kg		85	70 - 130
Ethylbenzene	0.100	0.09226		mg/Kg		92	70 - 130
m,p-Xylenes	0.200	0.2094		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130

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

Lab Sample ID: LCSD 880-109922/2-A

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1008		mg/Kg		101	70 - 130	0	35
Toluene	0.100	0.08734		mg/Kg		87	70 - 130	3	35
Ethylbenzene	0.100	0.09937		mg/Kg		99	70 - 130	7	35
m,p-Xylenes	0.200	0.2144		mg/Kg		107	70 - 130	2	35
o-Xylene	0.100	0.1077		mg/Kg		108	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-57988-A-1-D MS

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U	0.100	0.07406		mg/Kg		74	70 - 130
Toluene	<0.00202	U F1	0.100	0.06761	F1	mg/Kg		68	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57988-A-1-D MS

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00202	U F1	0.100	0.06838	F1	mg/Kg		68	70 - 130
m,p-Xylenes	<0.00403	U	0.200	0.1504		mg/Kg		75	70 - 130
o-Xylene	<0.00202	U	0.100	0.07804		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-57988-A-1-E MSD

Matrix: Solid

Analysis Batch: 109913

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109922

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08478		mg/Kg		85	70 - 130	13	35
Toluene	<0.00202	U F1	0.100	0.06593	F1	mg/Kg		66	70 - 130	3	35
Ethylbenzene	<0.00202	U F1	0.100	0.07972		mg/Kg		80	70 - 130	15	35
m,p-Xylenes	<0.00403	U	0.200	0.1635		mg/Kg		82	70 - 130	8	35
o-Xylene	<0.00202	U	0.100	0.08430		mg/Kg		84	70 - 130	8	35

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

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

Lab Sample ID: MB 880-109775/1-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109775

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		05/09/25 10:32	05/12/25 20:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/09/25 10:32	05/12/25 20:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	05/09/25 10:32	05/12/25 20:40	1
o-Terphenyl (Surr)	100		70 - 130	05/09/25 10:32	05/12/25 20:40	1

Lab Sample ID: LCS 880-109775/2-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCS 880-109775/2-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109775

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	124		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-109775/3-A

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	913.6		mg/Kg		91	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1074		mg/Kg		107	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	125		70 - 130

Lab Sample ID: 880-57968-6 MS

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: H-6 (0-0.5')

Prep Type: Total/NA

Prep Batch: 109775

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	<50.1	U	995	1152		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1253		mg/Kg		126	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-57968-6 MSD

Matrix: Solid

Analysis Batch: 109979

Client Sample ID: H-6 (0-0.5')

Prep Type: Total/NA

Prep Batch: 109775

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	995	1221		mg/Kg		123	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.1	U F1	995	1321	F1	mg/Kg		133	70 - 130	5	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: MB 880-109950/1-A

Matrix: Solid

Analysis Batch: 109955

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109950

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		05/12/25 11:03	05/12/25 10:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 11:03	05/12/25 10:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 11:03	05/12/25 10:18	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	74		70 - 130				05/12/25 11:03	05/12/25 10:18	1
o-Terphenyl (Surr)	72		70 - 130				05/12/25 11:03	05/12/25 10:18	1

Lab Sample ID: LCS 880-109950/2-A

Matrix: Solid

Analysis Batch: 109955

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	716.1		mg/Kg		72	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	758.9		mg/Kg		76	70 - 130		
Surrogate	LCS	LCS	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	82		70 - 130						
o-Terphenyl (Surr)	82		70 - 130						

Lab Sample ID: LCSD 880-109950/3-A

Matrix: Solid

Analysis Batch: 109955

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109950

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	859.4		mg/Kg		86	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	1000	864.8		mg/Kg		86	70 - 130	13	20
Surrogate	LCSD	LCSD	Limits						
	%Recovery	Qualifier							
1-Chlorooctane (Surr)	96		70 - 130						
o-Terphenyl (Surr)	94		70 - 130						

Lab Sample ID: 890-8142-A-5-E MS

Matrix: Solid

Analysis Batch: 109955

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109950

Analyte	Sample	Sample	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
	Result	Qualifier									
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	990	797.6		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	990	733.0		mg/Kg		74	70 - 130		

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 890-8142-A-5-E MS

Matrix: Solid

Analysis Batch: 109955

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 109950

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 890-8142-A-5-F MSD

Matrix: Solid

Analysis Batch: 109955

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 109950

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	<49.8	U	990	796.5		mg/Kg		80	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.8	U	990	743.7		mg/Kg		75	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: MB 880-109951/1-A

Matrix: Solid

Analysis Batch: 109957

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 109951

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		05/12/25 11:04	05/12/25 10:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		05/12/25 11:04	05/12/25 10:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		05/12/25 11:04	05/12/25 10:18	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane (Surr)	81		70 - 130	05/12/25 11:04	05/12/25 10:18	1			
o-Terphenyl (Surr)	73		70 - 130	05/12/25 11:04	05/12/25 10:18	1			

Lab Sample ID: LCS 880-109951/2-A

Matrix: Solid

Analysis Batch: 109957

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 109951

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	999.6		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	998.0		mg/Kg		100	70 - 130

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

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: LCSD 880-109951/3-A

Matrix: Solid

Analysis Batch: 109957

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 109951

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1036		mg/Kg		104	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1070		mg/Kg		107	70 - 130	7	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	85		70 - 130						
o-Terphenyl (Surr)	72		70 - 130						

Lab Sample ID: 880-57968-3 MS

Matrix: Solid

Analysis Batch: 109957

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

Prep Type: Total/NA

Prep Batch: 109951

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	1000	936.5		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	907.4		mg/Kg		91	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	134	S1+	70 - 130								
o-Terphenyl (Surr)	114		70 - 130								

Lab Sample ID: 880-57968-3 MSD

Matrix: Solid

Analysis Batch: 109957

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

Prep Type: Total/NA

Prep Batch: 109951

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	<49.8	U	1000	915.0		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.8	U	1000	880.3		mg/Kg		88	70 - 130	3	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	131	S1+	70 - 130								
o-Terphenyl (Surr)	110		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-109778/1-A

Matrix: Solid

Analysis Batch: 109796

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0		mg/Kg			05/09/25 18:24	1

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-109778/2-A

Matrix: Solid

Analysis Batch: 109796

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.1		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-109778/3-A

Matrix: Solid

Analysis Batch: 109796

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	264.4		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-57968-6 MS

Matrix: Solid

Analysis Batch: 109796

Client Sample ID: H-6 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	96.0	F1	251	412.7	F1	mg/Kg		126	90 - 110

Lab Sample ID: 880-57968-6 MSD

Matrix: Solid

Analysis Batch: 109796

Client Sample ID: H-6 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	96.0	F1	251	415.3	F1	mg/Kg		127	90 - 110	1	20

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC VOA

Analysis Batch: 109766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8021B	109769
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8021B	109769
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8021B	109769
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8021B	109769
880-56959-A-20-A MB	Method Blank	Total/NA	Solid	8021B	109769
MB 880-109769/5-A	Method Blank	Total/NA	Solid	8021B	109769
LCS 880-109769/1-A	Lab Control Sample	Total/NA	Solid	8021B	109769
LCSD 880-109769/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109769
890-8138-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	109769
890-8138-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109769

Prep Batch: 109769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-56959-A-20-A MB	Method Blank	Total/NA	Solid	5035	
MB 880-109769/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109769/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109769/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-8138-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
890-8138-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 109782

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	5035	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	5035	
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	5035	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	5035	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	5035	
MB 880-109782/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57968-11 MS	H-11 (0-0.5')	Total/NA	Solid	5035	
880-57968-11 MSD	H-11 (0-0.5')	Total/NA	Solid	5035	

Prep Batch: 109838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	5035	
MB 880-109838/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109838/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109838/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57967-A-2-B MS	Matrix Spike	Total/NA	Solid	5035	
880-57967-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8021B	109782

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109887 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8021B	109782
MB 880-109782/5-A	Method Blank	Total/NA	Solid	8021B	109782
LCS 880-109782/1-A	Lab Control Sample	Total/NA	Solid	8021B	109782
LCSD 880-109782/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109782
880-57968-11 MS	H-11 (0-0.5')	Total/NA	Solid	8021B	109782
880-57968-11 MSD	H-11 (0-0.5')	Total/NA	Solid	8021B	109782

Analysis Batch: 109913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8021B	109922
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8021B	109922
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8021B	109922
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8021B	109922
MB 880-109922/5-A	Method Blank	Total/NA	Solid	8021B	109922
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	8021B	109922
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109922
880-57988-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	109922
880-57988-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109922

Analysis Batch: 109916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8021B	109838
MB 880-109838/5-A	Method Blank	Total/NA	Solid	8021B	109838
LCS 880-109838/1-A	Lab Control Sample	Total/NA	Solid	8021B	109838
LCSD 880-109838/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	109838
880-57967-A-2-B MS	Matrix Spike	Total/NA	Solid	8021B	109838
880-57967-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	109838

Prep Batch: 109922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	5035	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	5035	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	5035	
MB 880-109922/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-109922/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-109922/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-57988-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-57988-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 109968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC VOA (Continued)

Analysis Batch: 109968 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	Total BTEX	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 109775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57968-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	

Prep Batch: 109950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-109950/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109950/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-8142-A-5-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-8142-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 109951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-109951/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-109951/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-109951/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-57968-3 MS	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-57968-3 MSD	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC Semi VOA

Analysis Batch: 109955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	109950
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	109950
MB 880-109950/1-A	Method Blank	Total/NA	Solid	8015B NM	109950
LCS 880-109950/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109950
LCSD 880-109950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109950
890-8142-A-5-E MS	Matrix Spike	Total/NA	Solid	8015B NM	109950
890-8142-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	109950

Analysis Batch: 109957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	109951
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	109951
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	109951
MB 880-109951/1-A	Method Blank	Total/NA	Solid	8015B NM	109951
LCS 880-109951/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109951
LCSD 880-109951/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109951
880-57968-3 MS	H-3 (0-0.5')	Total/NA	Solid	8015B NM	109951
880-57968-3 MSD	H-3 (0-0.5')	Total/NA	Solid	8015B NM	109951

Analysis Batch: 109979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8015B NM	109775
MB 880-109775/1-A	Method Blank	Total/NA	Solid	8015B NM	109775
LCS 880-109775/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	109775
LCSD 880-109775/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	109775
880-57968-6 MS	H-6 (0-0.5')	Total/NA	Solid	8015B NM	109775
880-57968-6 MSD	H-6 (0-0.5')	Total/NA	Solid	8015B NM	109775

Analysis Batch: 109999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-9	H-9 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-10	H-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-11	H-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-12	H-12 (0-0.5')	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

GC Semi VOA (Continued)

Analysis Batch: 109999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-13	H-13 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-14	H-14 (0-0.5')	Total/NA	Solid	8015 NM	
880-57968-15	H-15 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 109778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-9	H-9 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-10	H-10 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-11	H-11 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-12	H-12 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-13	H-13 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-14	H-14 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-15	H-15 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-109778/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-109778/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-109778/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-57968-6 MS	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-57968-6 MSD	H-6 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 109796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-57968-1	H-1 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-2	H-2 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-3	H-3 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-4	H-4 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-5	H-5 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-6	H-6 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-7	H-7 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-8	H-8 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-9	H-9 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-10	H-10 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-11	H-11 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-12	H-12 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-13	H-13 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-14	H-14 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-15	H-15 (0-0.5')	Soluble	Solid	300.0	109778
MB 880-109778/1-A	Method Blank	Soluble	Solid	300.0	109778
LCS 880-109778/2-A	Lab Control Sample	Soluble	Solid	300.0	109778
LCSD 880-109778/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	109778
880-57968-6 MS	H-6 (0-0.5')	Soluble	Solid	300.0	109778
880-57968-6 MSD	H-6 (0-0.5')	Soluble	Solid	300.0	109778

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Lab Sample ID: 880-57968-1

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	109950	05/12/25 11:03	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109955	05/12/25 14:23	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 19:58	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-57968-2

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:45	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10 mL	109950	05/12/25 11:03	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109955	05/12/25 14:38	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:05	CH	EET MID

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

Lab Sample ID: 880-57968-3

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 20:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 20:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 13:09	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109951	05/12/25 11:04	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109957	05/12/25 13:09	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:13	CH	EET MID

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

Lab Sample ID: 880-57968-4

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109769	05/09/25 10:42	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109766	05/09/25 20:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 20:26	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-4 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-4
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			109999	05/12/25 14:23	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109951	05/12/25 11:04	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109957	05/12/25 14:23	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:21	CH	EET MID

Client Sample ID: H-5 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-5
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			5.00 g	5 mL	109838	05/09/25 13:07	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109916	05/12/25 20:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 20:33	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 14:38	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	109951	05/12/25 11:04	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109957	05/12/25 14:38	TKC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:29	CH	EET MID

Client Sample ID: H-6 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-6
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			5.01 g	5 mL	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/10/25 00:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/10/25 00:15	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 21:30	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 21:30	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 20:37	CH	EET MID

Client Sample ID: H-7 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-7
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			4.99 g	5 mL	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 13:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 13:56	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 22:18	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 22:18	TKC	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-57968-7

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:00	CH	EET MID

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-57968-8

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 14:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 14:17	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 22:35	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 22:35	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:08	CH	EET MID

Client Sample ID: H-9 (0-0.5')

Lab Sample ID: 880-57968-9

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 14:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 14:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 22:51	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 22:51	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:31	CH	EET MID

Client Sample ID: H-10 (0-0.5')

Lab Sample ID: 880-57968-10

Date Collected: 05/07/25 00:00

Matrix: Solid

Date Received: 05/09/25 10:06

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	109922	05/12/25 08:52	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109913	05/12/25 14:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/12/25 14:58	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:08	SM	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:08	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:39	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-11 (0-0.5')**Lab Sample ID: 880-57968-11****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 18:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 18:20	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:23	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:23	TKC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:46	CH	EET MID

Client Sample ID: H-12 (0-0.5')**Lab Sample ID: 880-57968-12****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 18:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 18:40	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:39	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 21:54	CH	EET MID

Client Sample ID: H-13 (0-0.5')**Lab Sample ID: 880-57968-13****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:01	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/12/25 23:55	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/12/25 23:55	TKC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 22:02	CH	EET MID

Client Sample ID: H-14 (0-0.5')**Lab Sample ID: 880-57968-14****Date Collected: 05/07/25 00:00****Matrix: Solid****Date Received: 05/09/25 10:06**

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	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 19:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:21	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Client Sample ID: H-14 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-14
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			109999	05/13/25 00:11	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 00:11	TKC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 22:10	CH	EET MID

Client Sample ID: H-15 (0-0.5')
Date Collected: 05/07/25 00:00
Date Received: 05/09/25 10:06

Lab Sample ID: 880-57968-15
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			5.02 g	5 mL	109782	05/09/25 10:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	109887	05/09/25 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			109968	05/09/25 19:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			109999	05/13/25 00:27	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	109775	05/09/25 10:32	FC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	109979	05/13/25 00:27	TKC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	109778	05/09/25 10:41	SI	EET MID
Soluble	Analysis	300.0		1			109796	05/09/25 22:18	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: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-25
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: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

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

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Carmona Resources
Project/Site: NGL Paduca Booster

Job ID: 880-57968-1
SDG: Lea County New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-57968-1	H-1 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-2	H-2 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-3	H-3 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-4	H-4 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-5	H-5 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-6	H-6 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-7	H-7 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-8	H-8 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-9	H-9 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-10	H-10 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-11	H-11 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-12	H-12 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-13	H-13 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-14	H-14 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06
880-57968-15	H-15 (0-0.5')	Solid	05/07/25 00:00	05/09/25 10:06

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

Chain of Custody

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

Worl



880-57968 Chain of Custody

5/13/2025

Page 1 of 2

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

Work Order Comments	
Program: UST/PST	☐ PRP ☐ Brownfields ☐ JRC ☐ Iperfund
State of Project:	
Reporting Level: Level II	☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV
Deliverables: EDD	☐ ADAPT ☐ Other:

Project Name:	NGL Paduca Booster	Tum Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	2689	☒ Routine ☐ Rush														None: NO	DI Water: H ₂ O
Project Location:	Lea County, New Mexico	Due Date:														Cool: Cool	MeOH: Me
Sampler's Name:	JR & CRM															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes No	Wet Ice:	(Yes) No												H ₃ PO ₄ : HP	
Received Intact:	Yes No	Thermometer ID:														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes No	Correction Factor:														Na ₂ S ₂ O ₃ : NASO ₃	
Sample Custody Seals:	Yes No	Temperature Reading:														Zn Acetate+NaOH: Zn	
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
H-1 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-2 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-3 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-4 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-5 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-6 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-7 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-8 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-9 (0-0.5)	5/7/2025		X		G	1	X	X	X								
H-10 (0-0.5)	5/7/2025		X		G	1	X	X	X								

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/9/25		5/9/25
			1006

Work Order No: _____

Page 2 of 2

Project Manager:	Conner Moehring	Bill to: (if different)	Camrona Resources
Company Name:	Camrona 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:	mcamrona@camronaresources.com

Work Order Comments					
Program:	UST/PST	☐ RP	☒ Brownfields	☐ RC	☐ Fund
State of Project:					
Reporting Level II	☐ Level III	☐ ST/UST	☐ RP	☐ Level IV	☐
Deliverables:	EDD	☐	ADAPT	☐	Other: _____

Project Name: NGL Paduca Booster				Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes													
Project Number: 2689		☒ Routine ☐ Rush															None: NO	DI Water: H ₂ O												
Project Location: Lea County, New Mexico		Due Date:															Cool: Cool	MeOH: Me												
Sampler's Name: JR & CRM																	HCL: HC	HNO ₃ : HN												
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na												
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No									H ₃ PO ₄ : HP													
Received Intact:		Yes No		Thermometer ID:													NaHSO ₄ : NABIS													
Cooler Custody Seals:		Yes No N/A		Correction Factor:													Na ₂ S ₂ O ₅ : NaSO ₃													
Sample Custody Seals:		Yes No N/A		Temperature Reading:													Zn Acetate+NaOH: Zn													
Total Containers:				Corrected Temperature:													NaOH+Ascorbic Acid: S4PC													
Sample Identification		Date		Time		Soil		Water		Grab/ Comp		# of Cont												Sample Comments						
H-11 (0-0.5')		5/7/2025				X				G		1		X		X		X												
H-12 (0-0.5')		5/7/2025				X				G		1		X		X		X												
H-13 (0-0.5')		5/7/2025				X				G		1		X		X		X												
H-14 (0-0.5')		5/7/2025				X				G		1		X		X		X												
H-15 (0-0.5')		5/7/2025				X				G		1		X		X		X												
						</																								

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	5/19/25		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-57968-1

SDG Number: Lea County New Mexico

Login Number: 57968

List Number: 1

Creator: Kramer, Jessica

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.	True	
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	

APPENDIX F

CARMONA RESOURCES



Soil Map—Lea County, New Mexico



Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

8/8/2025
Page 1 of 3

Soil Map—Lea County, New Mexico

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Lea County, New Mexico

Survey Area Data: Version 21, Sep 3, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 7, 2020—May 12, 2020

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
PT	Pyote loamy fine sand	3.7	86.8%
TF	Tonuco loamy fine sand, 0 to 3 percent slopes	0.6	13.2%
Totals for Area of Interest		4.2	100.0%

Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

Lea County, New Mexico

PT—Pyote loamy fine sand

Map Unit Setting

National map unit symbol: dmqp

Elevation: 3,000 to 3,900 feet

Mean annual precipitation: 10 to 12 inches

Mean annual air temperature: 60 to 62 degrees F

Frost-free period: 190 to 200 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Pyote and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Pyote

Setting

Landform: Plains

Landform position (three-dimensional): Rise

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits derived from sedimentary rock

Typical profile

A - 0 to 25 inches: loamy fine sand

Bt - 25 to 60 inches: fine sandy loam

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): High
(2.00 to 6.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 5.3 inches)

Interpretive groups

Land capability classification (irrigated): 6e

Land capability classification (nonirrigated): 7s

Map Unit Description: Pyote loamy fine sand---Lea County, New Mexico

Hydrologic Soil Group: A
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Minor Components

Maljamar

Percent of map unit: 8 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Palomas

Percent of map unit: 7 percent
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

Map Unit Description: Tonuco loamy fine sand, 0 to 3 percent slopes---Lea County, New Mexico

Lea County, New Mexico

TF—Tonuco loamy fine sand, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 2tw3c

Elevation: 3,280 to 4,460 feet

Mean annual precipitation: 10 to 16 inches

Mean annual air temperature: 59 to 64 degrees F

Frost-free period: 180 to 220 days

Farmland classification: Not prime farmland

Map Unit Composition

Tonuco and similar soils: 70 percent

Minor components: 30 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Tonuco

Setting

Landform: Ridges, plains

Landform position (two-dimensional): Shoulder

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

Across-slope shape: Linear

Parent material: Sandy eolian deposits

Typical profile

A - 0 to 12 inches: loamy fine sand

Bw - 12 to 17 inches: loamy sand

Bkkm - 17 to 39 inches: cemented material

Properties and qualities

Slope: 0 to 3 percent

Depth to restrictive feature: 12 to 20 inches to petrocalcic

Drainage class: Excessively drained

Runoff class: Very high

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 2 percent

Gypsum, maximum content: 1 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Very low (about 1.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Map Unit Description: Tonuco loamy fine sand, 0 to 3 percent slopes---Lea County, New Mexico

Land capability classification (nonirrigated): 7e
Hydrologic Soil Group: D
Ecological site: R077DY048TX - Shallow 12-17" PZ
Hydric soil rating: No

Minor Components

Simona

Percent of map unit: 15 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD002NM - Shallow Sandy
Hydric soil rating: No

Berino

Percent of map unit: 10 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD003NM - Loamy Sand
Hydric soil rating: No

Cacique

Percent of map unit: 5 percent
Landform: Ridges, plains
Landform position (two-dimensional): Shoulder
Landform position (three-dimensional): Rise
Down-slope shape: Convex, linear
Across-slope shape: Linear
Ecological site: R070BD004NM - Sandy
Hydric soil rating: No

Data Source Information

Soil Survey Area: Lea County, New Mexico
Survey Area Data: Version 21, Sep 3, 2024

(26)

BLM SERIAL #:

COMPANY REFERENCE:

3.1 Seed Mixture 1, for Loamy Sites

The holder shall seed all disturbed areas with the seed mixture listed below. The seed mixture shall be planted in the amounts specified in pounds of pure live seed (PLS)* per acre. There shall be no primary or secondary noxious weeds in the seed mixture. Seed will be tested and the viability testing of seed will be done in accordance with State law(s) and within nine (9) months prior to purchase. Commercial seed will be either certified or registered seed. The seed container will be tagged in accordance with State law(s) and available for inspection by the authorized officer.

Seed will be planted using a drill equipped with a depth regulator to ensure proper depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture will be evenly and uniformly planted over the disturbed area (small/heavier seeds have a tendency to drop the bottom of the drill and are planted first). The holder shall take appropriate measures to ensure this does not occur. Where drilling is not possible, seed will be broadcast and the area shall be raked or chained to cover the seed. When broadcasting the seed, the pounds per acre are to be doubled. The seeding will be repeated until a satisfactory stand is established as determined by the authorized officer. Evaluation of growth will not be made before completion of at least one full growing season after seeding.

Species to be planted in pounds of pure live seed* per acre:

<u>Species</u>	<u>lb/acre</u>
Plains lovegrass (<i>Eragrostis intermedia</i>)	0.5
Sand dropseed (<i>Sporobolus cryptandrus</i>)	1.0
Sideoats grama (<i>Bouteloua curtipendula</i>)	5.0
Plains bristlegrass (<i>Setaria macrostachya</i>)	2.0

*Pounds of pure live seed:

Pounds of seed x percent purity x percent germination = pounds pure live seed

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS

Action 499084

QUESTIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2509039316
Incident Name	NAPP2509039316 PADUCA BOOSTER @ L-03-26S-32E
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Paduca Booster
Date Release Discovered	03/28/2025
Surface Owner	Federal

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

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Injection Header Produced Water Released: 450 BBL Recovered: 400 BBL Lost: 50 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.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 2

Action 499084

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Cole Lane Title: VP Operations Email: cole.lane@nglep.com Date: 08/25/2025
--	---

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 3

Action 499084

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	U.S. Geological Survey
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 ½ and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan

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

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	5800
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	11/24/2025
On what date will (or did) the final sampling or liner inspection occur	01/08/2026
On what date will (or was) the remediation complete(d)	04/03/2026
What is the estimated surface area (in square feet) that will be reclaimed	32609
What is the estimated volume (in cubic yards) that will be reclaimed	4595
What is the estimated surface area (in square feet) that will be remediated	40044
What is the estimated volume (in cubic yards) that will be remediated	5700

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 4

Action 499084

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	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	Milestone - Orla
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: 08/25/2025
<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>	

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 5

Action 499084

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	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

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

General Information
Phone: (505) 629-6116

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

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

QUESTIONS, Page 6

Action 499084

QUESTIONS (continued)

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	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
--	----

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 499084

CONDITIONS

Operator: NGL WATER SOLUTIONS PERMIAN, LLC 865 North Albion Street Denver, CO 80220	OGRID: 372338
	Action Number: 499084
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved with the following condition: The sampling variance request is approved to collect bottom confirmation samples at a frequency of 400 ft2 or less and sidewall samples are to be collected at a frequency of 200 ft2 or less. Submit remediation closure report to the OCD by 12/10/2025.	9/11/2025