

CARMONA RESOURCES



SITE INFORMATION

Work Plan

Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico
Incident ID: nAPP2321953140
Unit B Sec 09 T26S R31E
32.064651°, -103.783362°

Reuse Water Release

Point of Release: 12" Lay Flat Line Strike
Release Date: 07/30/23
Volume Released: 100 Barrels of Reuse Water
Volume Recovered: 0 Barrels of Reuse Water

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Prepared for:
EOG Resources, Inc
5509 Champions Dr.
Midland, TX 79706

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

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

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 4 PROPOSED EXCAVATION

APPENDICES

APPENDIX A TABLES

APPENDIX B PHOTOS

APPENDIX C INITIAL C-141 AND REMEDIATION PLAN

APPENDIX D SITE CHARACTERIZATION AND GROUNDWATER

APPENDIX E LABORATORY REPORTS



November 6, 2023

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

**Re: Work Plan
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
EOG Resources, Inc
Incident ID: nAPP2321953140
Site Location: Unit B, S09, T26S, R31E
(Lat 32.064651°, Long -103.783362°)
Eddy County, New Mexico**

Mr. Bratcher:

On behalf of EOG Resources, Inc. (EOG), Carmona Resources, LLC has prepared this letter to document site activities for the Deep Elem 4 Fed Com CTB Lay Flat Line Strike. The site is located at 32.064651°, -103.783362° within Unit B, S09, T26S, R31E, in Eddy County, New Mexico (Figures 1 and 2).

1.0 Site Information and Background

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on July 30, 2023, caused by a wireline truck striking and rupturing a 12" lay flat line. The incident released one hundred (100) barrels of reuse water, with zero (0) barrels recovered. Refer to Figure 3. The initial C-141 form is attached in Appendix C.

2.0 Site Characterization and Groundwater

The site is located within a medium karst area. Based on a review of the New Mexico Office of State Engineers and USGS databases, no known water sources are within a 0.50-mile radius of the location. The nearest identified well is located approximately .65 miles southeast of the site in S10, T26S, R31E, and was drilled in 1998. The well has a reported depth to groundwater of 275.49' below ground surface (ft bgs). A copy of the associated Summary report is attached in Appendix D.

On August 11, 2023, Carmona Resources, LLC requested a groundwater variance to utilize the above-referenced water well for closure criteria purposes. The variance request was approved on August 14, 2023. A copy of the correspondence 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.

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432.813.1992



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

4.0 Site Assessment Activities

Initial Assessment

On August 7, 2023, Carmona Resources, LLC was onsite to perform an initial assessment to evaluate soil impacts stemming from the release. A total of eighteen (18) sample points (S-1 through S-18) and eight (8) horizontal samples (H-1 through H-8) were advanced to depths ranging from the surface to 3' bgs within and surrounding the release to assess the vertical and horizontal extent. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to 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.

See Table 1 for the analytical results.

Vertical Delineation

Vertical delineation was not achieved during the initial assessment due to a dense, cemented geological formation ranging from 0.5-3 ft bgs in various release areas. Refer to Table 1.

Horizontal Delineation

All horizontal locations were below the regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 1.

Trenching Activities

On September 26, 2023, Carmona Resources, LLC returned to the site to delineate the release vertically. A total of eighteen (18) trenches (T-1 through T-18) were advanced to depths ranging from the surface to 6' bgs within the release area. See Figure 3 for the sample locations. For chemical analysis, the soil samples were collected and placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA method 8015, modified benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, and chloride by EPA method 4500. The laboratory reports, including analytical methods, results, and chain of custody documents, are attached in Appendix E.

See Table 2 for the analytical results.

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Vertical Delineation

All trench locations were vertically delineated and below regulatory limits for benzene, total BTEX, TPH, and chloride concentrations. Refer to Table 2.

5.0 Proposed Work Plan

Based on the analytical data of the detected chloride concentrations, EOG proposes to remediate the areas shown in Figure 4 and highlighted (blue) in Table 2.

- The areas of T-1 and T-10 will be excavated to a depth of 1.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-2, T-4, and T-7 will be excavated to a depth of 2.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-3 and T-11 will be excavated to a depth of 2.5' below the surface and backfilled with clean material to surface grade.
- The areas of T-5, T-6, T-12, T-14, and T-18 will be excavated to a depth of 3.0' below the surface and backfilled with clean material to surface grade.
- The area of T-16 will be excavated to a depth of 3.5' below the surface and backfilled with clean material to surface grade.
- The area of T-9 will be excavated to a depth of 4.0' below the surface and backfilled with clean material to surface grade.
- The areas of T-8, T-13, T-15, and T-17 will be excavated to a depth of 4.5' below the surface and backfilled with clean material to surface grade.
- An estimated 10,527 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. A 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 remediation will be implemented 90 days after the work plan is approved.
- Impacted soil around oil and gas equipment, structures, or lines may not be removed during remediation activities due to safety concerns for the onsite personnel. However, EOG Resources will excavate the impacted soil to the maximum extent possible.

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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 get in touch with us at 432-813-1992.

Sincerely,

Carmona Resources, LLC

Mike Carmona
Environmental Manager

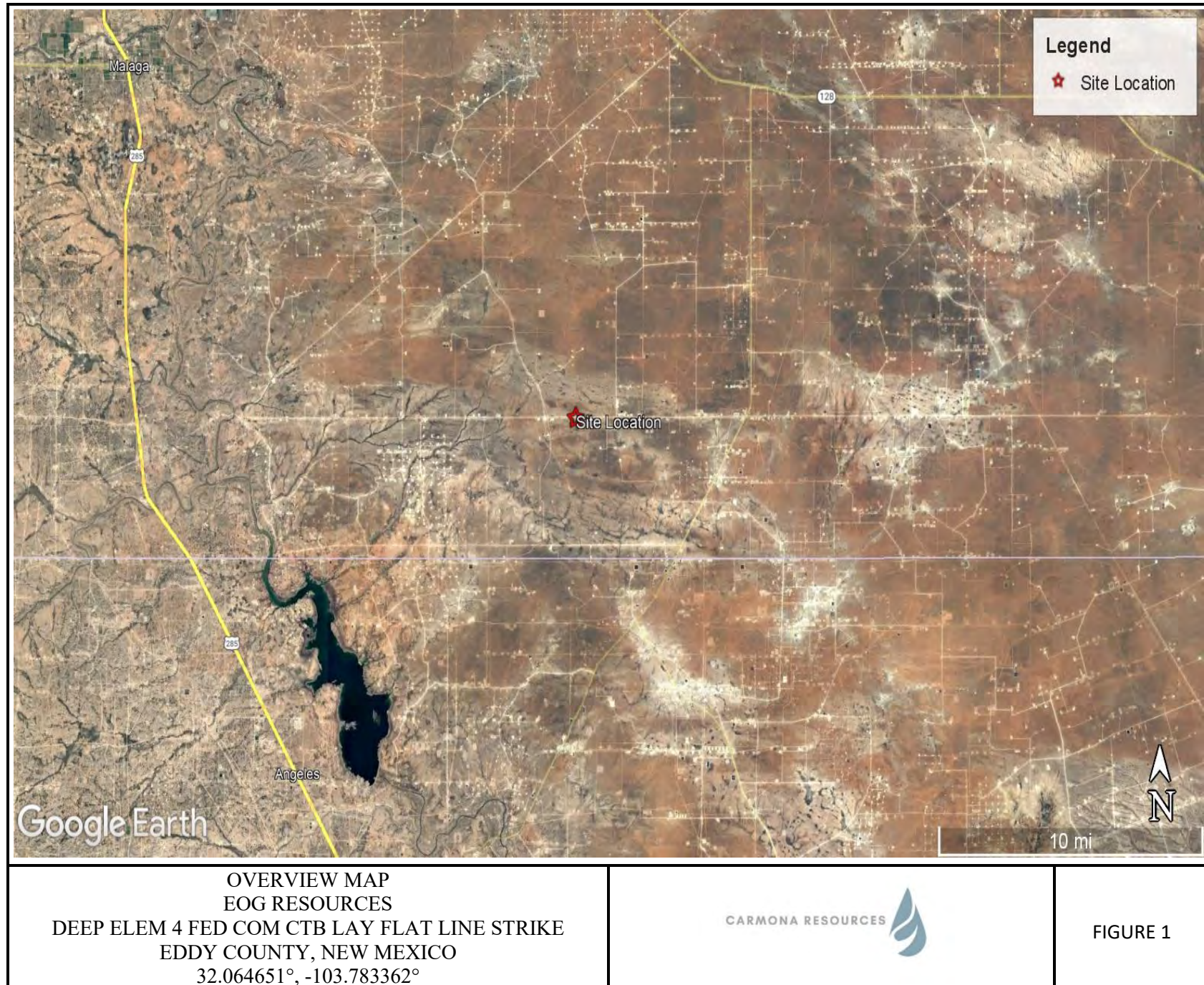
Devin Dominguez
Sr. Project Manager

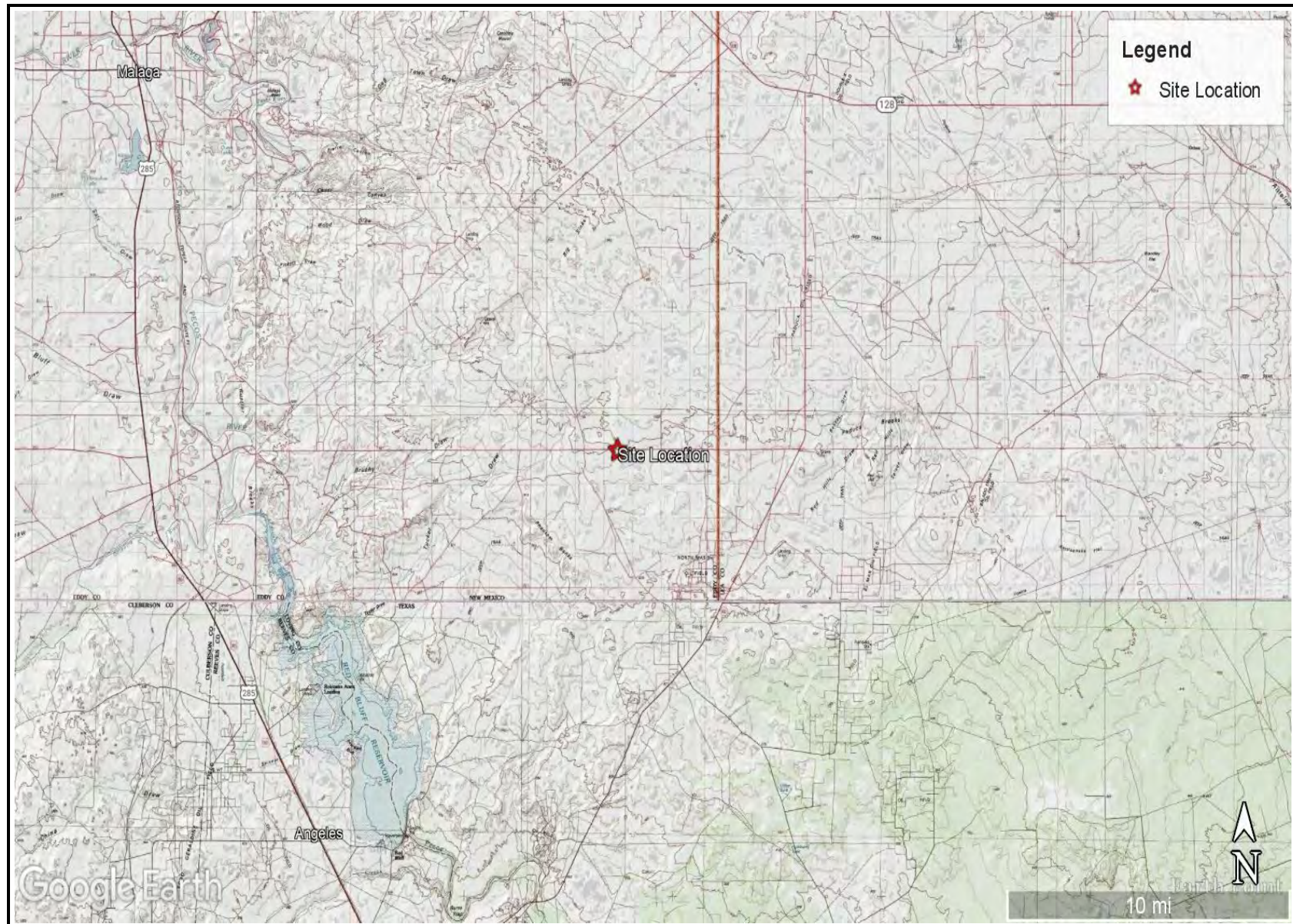
310 West Wall Street, Suite 500
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FIGURES

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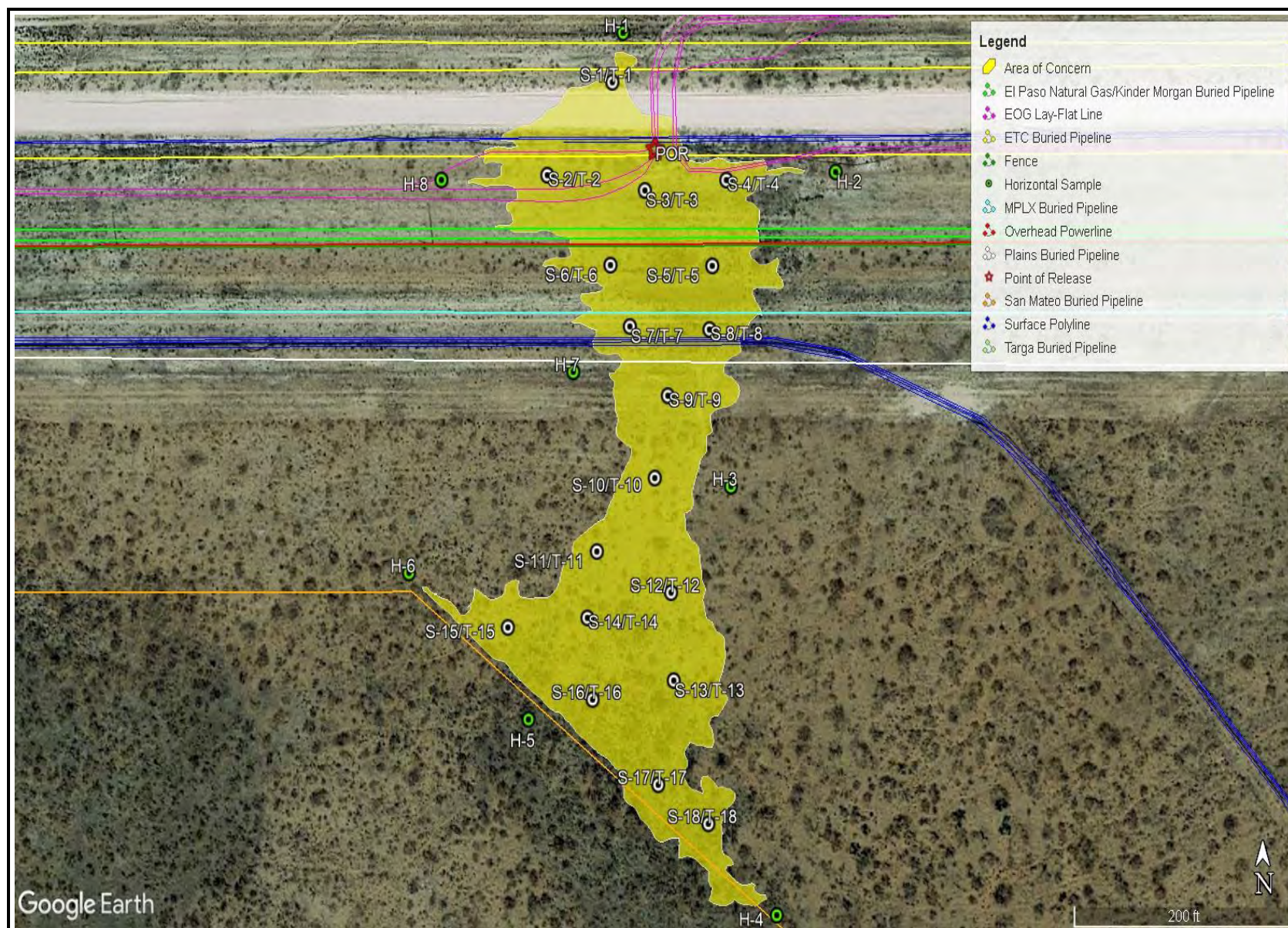




TOPOGRAPHIC MAP
EOG RESOURCES
DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE
EDDY COUNTY, NEW MEXICO
32.064651°, -103.783362°



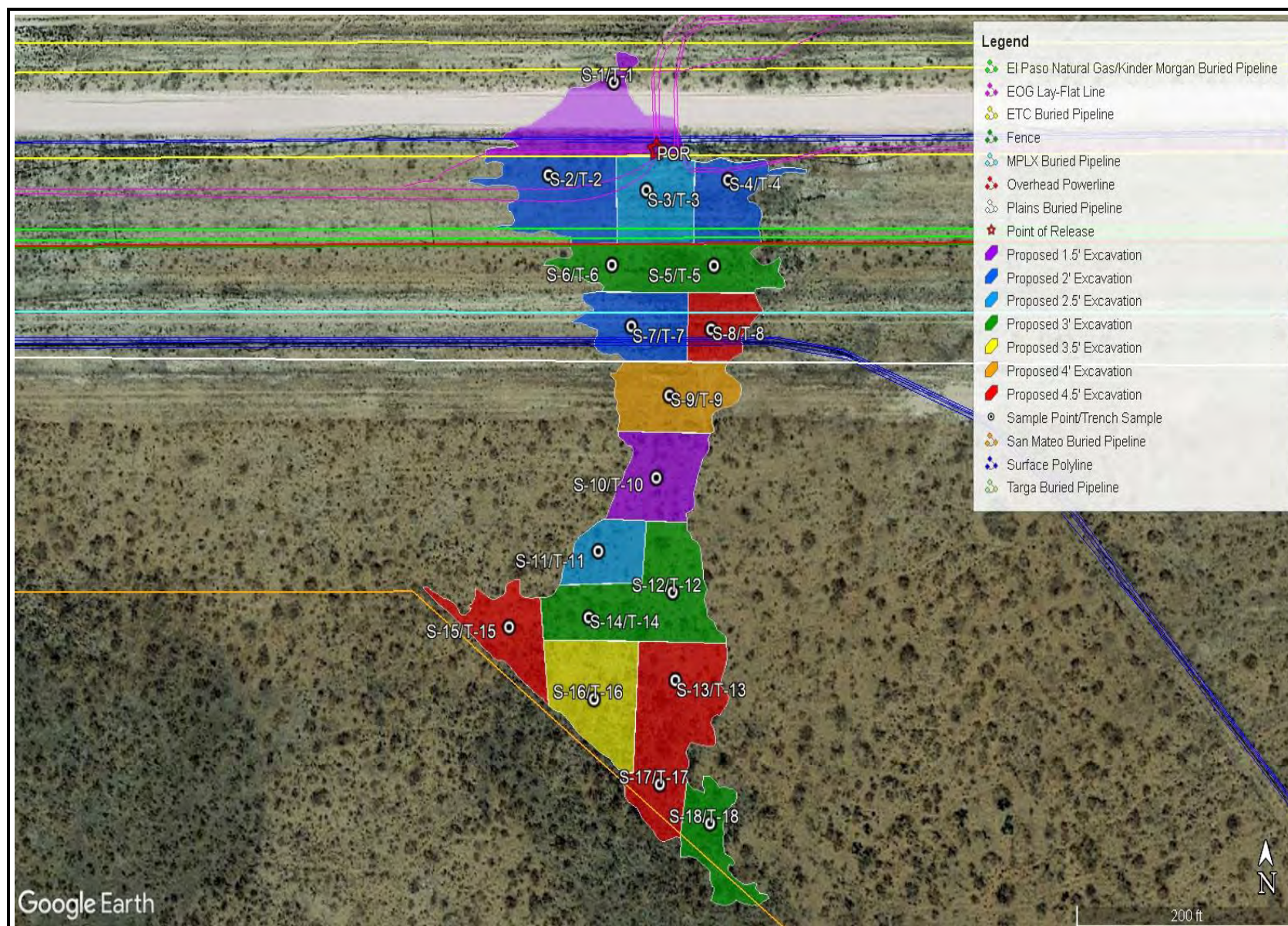
FIGURE 2



SAMPLE LOCATION OVERVIEW MAP
EOG RESOURCES
DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE
EDDY COUNTY, NEW MEXICO
32.064651°, -103.783362°



FIGURE 3



PROPOSED EXCAVATION DEPTH MAP
EOG RESOURCES
DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE
EDDY COUNTY, NEW MEXICO
32.064651°, -103.783362°



FIGURE 4

APPENDIX A

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Table 1
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
S-1	8/7/2023	0-1.0	<49.6	73.2	<49.6	73.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,400
S-2	8/7/2023	0-1.0	<50.4	97.5	<50.4	97.5	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	3,170
S-3	8/7/2023	0-1.0	<50.2	74.8	<50.2	74.8	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	6,130
S-4	8/7/2023	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	3,010
S-5	8/7/2023	0-1.0	<49.6	63.7	<49.6	63.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	5,550
S-6	8/7/2023	0-1.0	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	6,250
S-7	8/7/2023	0-1.0	<49.5	64.2	<49.5	64.2	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,640
S-8	8/7/2023	0-1.0	<50.0	55.6	<50.0	55.6	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	4,760
S-9	8/7/2023	0-1.0	<50.3	<50.3	<50.3	<50.3	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	2,930
S-10	8/7/2023	0-0.5	<50.1	58.5	<50.1	58.5	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6,350
S-11	8/7/2023	0-0.5	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	5,570
S-12	8/7/2023	0-1.0	<50.3	<50.3	<50.3	<50.3	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	9,850
S-13	8/7/2023	0-1.0	<50.4	<50.4	<50.4	<50.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,690
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	4,890
	"	2.0	<49.7	<49.7	<49.7	<49.7	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	4,840
	"	3.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	1,450
S-14	8/7/2023	0-1.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,490
S-15	8/7/2023	0-1.0	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,870
	"	1.5	<50.3	<50.3	<50.3	<50.3	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	4,660
	"	2.0	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	4,670
	"	3.0	<50.1	<50.1	<50.1	<50.1	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	3,710
S-16	8/7/2023	0-1	<50.4	<50.4	<50.4	<50.4	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5,090
	"	1.5	<50.0	<50.0	<50.0	<50.0	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	5,820
	"	2.0	<49.6	<49.6	<49.6	<49.6	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	6,920
S-17	8/7/2023	0-1.0	<50.2	<50.2	<50.2	<50.2	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	5,310
	"	1.5	<50.4	<50.4	<50.4	<50.4	<0.00198	<0.00198	<0.00198	<0.00397	<0.00397	4,870
	"	2.0	<49.8	<49.8	<49.8	<49.8	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	4,190
S-18	8/7/2023	0-1.0	<49.9	<49.9	<49.9	<49.9	<0.00200	<0.00200	<0.00200	<0.00400	<0.00400	3,430
	"	1.5	<50.1	<50.1	<50.1	<50.1	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	571
	"	2.0	<49.7	<49.7	<49.7	<49.7	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	803
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(S) Sample Point

Proposed Excavation

Table 1
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
H-1	8/7/2023	0-0.5	<50.2	64.4	<50.2	64.4	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	54.1
H-2	8/7/2023	0-0.5	<50.1	<50.1	<50.1	<50.1	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	36.9
H-3	8/7/2023	0-0.5	<49.6	<49.6	<49.6	<49.6	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	48.2
H-4	8/7/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	47.1
H-5	8/7/2023	0-0.5	<50.0	<50.0	<50.0	<50.0	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	46.1
H-6	8/7/2023	0-0.5	<49.6	<49.6	<49.6	<49.6	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	36.7
H-7	8/7/2023	0-0.5	<49.7	<49.7	<49.7	<49.7	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	36.8
H-8	8/7/2023	0-0.5	<49.8	<49.8	<49.8	<49.8	<0.00198	<0.00198	<0.00198	<0.00396	<0.00396	51.7
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(H) Horizontal Sample

Table 2
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-1	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	608
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
	"	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
T-2	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	560
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,280
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
	"	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
T-3	9/26/2023	0-1	<10.0	146	34.6	180.6	<0.050	<0.050	<0.050	<0.150	<0.300	28,000
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,440
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	864
	"	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
T-4	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	15,800
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,840
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
	"	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-5	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,040
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,560
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,120
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	272
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-6	9/26/2023	0-1	<10.0	93.4	33.5	126.9	<0.050	<0.050	<0.050	<0.150	<0.300	5,440
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,720
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,570
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
T-7	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,000
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,170
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
Regulatory Criteria ^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons
ft-feet

(T) Trench Sample

Proposed Excavation

Table 2
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-8	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,840
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,200
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,400
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	704
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
	"	5.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
T-9	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,860
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,880
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,080
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
T-10	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	20,800
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-11	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,480
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,800
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,440
	"	2.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
T-12	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	12,000
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,130
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,070
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
T-13	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,360
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,960
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,560
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,920
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
T-14	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,960
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,840
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16.0
Regulatory Criteria ^A			1,000 mg/kg		2,500 mg/kg		10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed

^A - Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) Trench Sample

Proposed Excavation

Table 2
EOG Resources
Deep Elem 4 Fed Com CTB Lay Flat Line Strike
Eddy County, New Mexico

Sample ID	Date	Depth (ft)	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride (mg/kg)
			GRO	DRO	MRO	Total						
T-15	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,200
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,000
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,360
	"	6.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	704
T-16	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,330
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,930
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,060
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,000
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
T-17	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,280
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,680
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,600
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,380
	"	5.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80.0
T-18	9/26/2023	0-1	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,400
	"	1.5	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,800
	"	2.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,330
	"	3.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64.0
	"	4.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48.0
Regulatory Criteria^A			1,000 mg/kg			2,500 mg/kg	10 mg/kg				50 mg/kg	20,000 mg/kg

(-) Not Analyzed


^A – Table 1 - 19.15.29 NMAC

mg/kg - milligram per kilogram

TPH- Total Petroleum Hydrocarbons

ft-feet

(T) Trench Sample

 Proposed Excavation

APPENDIX B

CARMONA RESOURCES



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 1**Facility:** Deep Elem 4 Fed Com CTB Layflat
Line Strike**County:** Eddy County, New Mexico**Description:**

View North, area of T-1.

**Photograph No. 2****Facility:** Deep Elem 4 Fed Com CTB Layflat
Line Strike**County:** Eddy County, New Mexico**Description:**

View East, area of T-2.

**Photograph No. 3****Facility:** Deep Elem 4 Fed Com CTB Layflat
Line Strike**County:** Eddy County, New Mexico**Description:**

View North, area of T-3.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 4

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View Northwest, area of T-4



Photograph No. 5

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View Northwest, area of T-5.



Photograph No. 6

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View South, area of T-6



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 7

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View Northeast, area of T-7.



Photograph No. 8

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View North, area of T-8.



Photograph No. 9

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View East, area of T-9.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 10

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View Northeast, area of T-10.

**Photograph No. 11**

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View Northeast, area of T-11.

**Photograph No. 12**

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View South, area of T-12.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 13**Facility:** Deep Elem 4 Fed Com CTB Layflat Line Strike**County:** Eddy County, New Mexico**Description:**

View South, area of T-13.

**Photograph No. 14****Facility:** Deep Elem 4 Fed Com CTB Layflat Line Strike**County:** Eddy County, New Mexico**Description:**

View South, area of T-14.

**Photograph No. 15****Facility:** Deep Elem 4 Fed Com CTB Layflat Line Strike**County:** Eddy County, New Mexico**Description:**

View North, area of T-15.



PHOTOGRAPHIC LOG

EOG Resources, Inc

Photograph No. 16

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View East, area of T-16.

**Photograph No. 17**

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View South, area of T-17.

**Photograph No. 18**

Facility: Deep Elem 4 Fed Com CTB Layflat
Line Strike

County: Eddy County, New Mexico

Description:

View Southeast, area of T-18.



APPENDIX C

CARMONA RESOURCES



District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

Incident ID	nAPP2321953140
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party EOG Resources	OGRID 7377
Contact Name Todd Wells	Contact Telephone (432) 686-3613
Contact email Todd_Wells@eogresources.com	Incident # (assigned by OCD) nAPP2321953140
Contact mailing address 5509 Champions Drive Midland, TX 79706	

Location of Release Source

Latitude 32.064651° Longitude -103.783362°
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Deep Elem 4 Fed Com CTB Lay Flat Line Strike	Site Type Lay Flat Line
Date Release Discovered 7/30/23	API# (if applicable)

Unit Letter	Section	Township	Range	County
B	9	26S	31E	Eddy

Surface Owner: ☐ State ☒ Federal ☐ Tribal ☐ Private (Name: _____)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Reuse Water	Volume Released (bbls) 100	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: A wireline truck drove off Pipeline Road, striking and rupturing the 12-inch lay flat line causing the release. The lay flat line was located in the ROW down the road from the Deep Elem 4 Fed Com CTB. Approximately 100 bbls of treated reuse water was released in the ROW and in the pasture and 0 bbls recovered.

Incident ID	NAPP2321953140
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? More than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Email notification to the OCD Enviro Inbox on 7/31/23.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped.	
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. 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 attach all information needed for closure evaluation.	
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.	
Printed Name: <u>Todd Wells</u>	Title: <u>Environmental Specialist</u>
Signature: <u>Todd Wells</u>	Date: <u>8/7/23</u>
email: <u>Todd_Wells@eogresources.com</u>	Telephone: <u>(432) 686-3613</u>
<u>OCD Only</u>	
Received by: <u>Shelly Wells</u>	Date: <u>8/7/2023</u>

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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?	_____ (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input type="checkbox"/> No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: *Each of the following items must be included in the report.*

- ☐ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☐ Field data
- ☐ Data table of soil contaminant concentration data
- ☐ Depth to water determination
- ☐ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☐ Boring or excavation logs
- ☐ Photographs including date and GIS information
- ☐ Topographic/Aerial maps
- ☐ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 11/15/23

email: _____ Telephone: _____

OCD Only

Received by: Shelly Wells Date: 11/15/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☐ Detailed description of proposed remediation technique
- ☐ Scaled sitemap with GPS coordinates showing delineation points
- ☐ Estimated volume of material to be remediated
- ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☐ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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.

Printed Name: _____ Title: _____

Signature: Todd Wells Date: 11/15/23

email: _____ Telephone: _____

OCD OnlyReceived by: Shelly Wells Date: 11/15/2023☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 249206

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 249206
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	8/7/2023

APPENDIX D

CARMONA RESOURCES

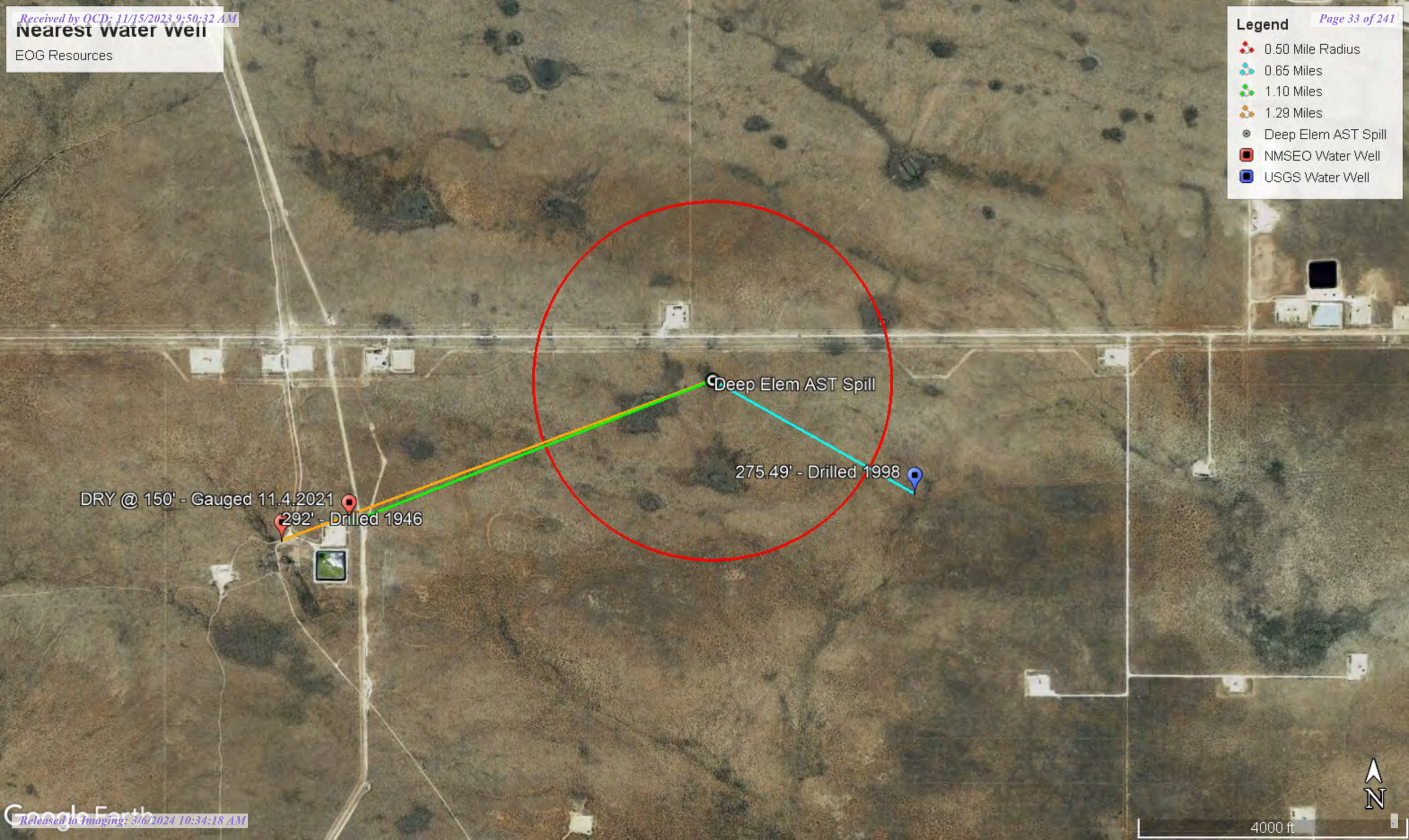


Nearest water well

EOG Resources

Legend

- 0.50 Mile Radius
- 0.65 Miles
- 1.10 Miles
- 1.29 Miles
- Deep Elem AST Spill
- NMSEO Water Well
- USGS Water Well



Medium Karst

EOG Resources

Legend

- Deep Elem AST Spill
- Medium

Deep Elem AST Spill





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 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 01777	C		ED				08	26S	31E	613245	3547409*	1764	325	300	25
C 04700 POD1	CUB		ED	2	1	2	10	26S	31E	616736	3548154	1855			
C 02248	CUB		ED	1	2	3	08	26S	31E	612942	3547316*	2080	300	292	8
C 02249	CUB		ED	1	2	3	08	26S	31E	612942	3547316*	2080	300	292	8
C 04637 POD1	CUB		ED	4	4	3	02	26S	31E	618068	3548423	3204	51		

Average Depth to Water: **294 feet**

Minimum Depth: **292 feet**

Maximum Depth: **300 feet**

Record Count: 5

UTM NAD83 Radius Search (in meters):

Easting (X): 614883

Northing (Y): 3548066

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.


8/2/23 9:03 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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	? S
				Groundwater	New Mexico	GO	

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- [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 =

- 320330103462401

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

USGS 320330103462401 26S.31E.08.321434

Eddy County, New Mexico
Latitude 32°03'30", Longitude 103°46'24" NAD27
Land-surface elevation 3,251 feet above NAVD88
The depth of the well is 380 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) 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
1983-02-16			D 62610		2972.78	NGVD29	1		Z	
1983-02-16			D 62611		2974.42	NAVD88	1		Z	
1983-02-16			D 72019	276.58			1		Z	
1987-10-21			D 62610		2972.14	NGVD29	1		Z	
1987-10-21			D 62611		2973.78	NAVD88	1		Z	
1987-10-21			D 72019	277.22			1		Z	
1992-11-05			D 62610		2973.40	NGVD29	P		O	
1992-11-05			D 62611		2975.04	NAVD88	P		O	
1992-11-05			D 72019	275.96			P		O	
1998-01-29			D 62610		2973.87	NGVD29	1		S	
1998-01-29			D 62611		2975.51	NAVD88	1		S	
1998-01-29			D 72019	275.49			1		S	

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	? S
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				
Status		P	Pumping				
Method of measurement		O	Observed.				
Method of measurement		S	Steel-tape measurement.				
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.				

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[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: 2023-07-31 10:51:09 EDT
0.28 0.24 nadww02



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(quarters are smallest to largest)		(NAD83 UTM in meters)			
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y				
	C 01777				08	26S	31E	613245	3547409*				
x													
Driller License:		208	Driller Company:		VAN NOY, W.L.								
Driller Name:		VAN NOY, W.L.											
Drill Start Date:		09/09/1977	Drill Finish Date:		09/16/1977		Plug Date:						
Log File Date:		09/28/1977	PCW Rev Date:				Source:		Shallow				
Pump Type:		Pipe Discharge Size:				Estimated Yield:							
Casing Size:		6.63	Depth Well:		325 feet		Depth Water:		300 feet				
x													
Water Bearing Stratifications:				Top	Bottom	Description							
				300	325	Sandstone/Gravel/Conglomerate							
x													
Casing Perforations:				Top	Bottom								
				295	325								
x													


*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/TSC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)						(NAD83 UTM in meters)	
		(quarters are smallest to largest)							
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
C	02248	1	2	3	08	26S	31E	612942	3547316* 
<hr/>									
Driller License:		Driller Company:							
Driller Name:		UNKNOWN							
Drill Start Date:		Drill Finish Date:				12/31/1946		Plug Date:	
Log File Date:		PCW Rcv Date:				Source:			
Pump Type:		Pipe Discharge Size:				Estimated Yield: 6 GPM			
Casing Size: 6.38		Depth Well:				300 feet		Depth Water: 292 feet	
<hr/>									

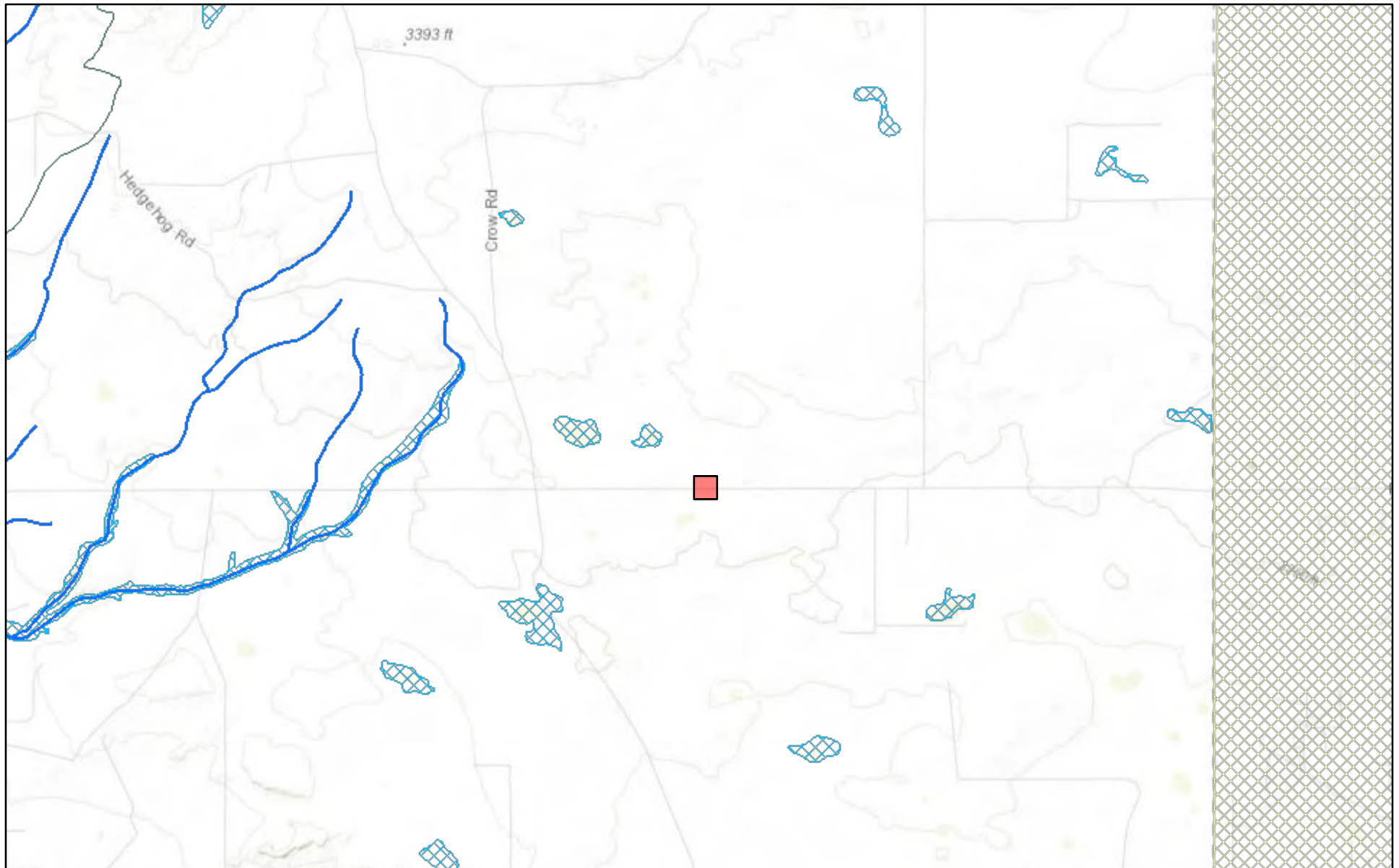
*UTM location was derived from PLSS - see Help

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.

8/2/23 9:05 AM

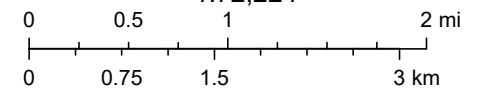
POINT OF DIVERSION SUMMARY

New Mexico NFHL Data



August 2, 2023

1:72,224



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

Ashton Thielke

From: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Sent: Monday, August 14, 2023 10:16 AM
To: Ashton Thielke
Subject: RE: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

Ashton,

There doesn't seem to be any wetlands, karst, or flood plain issues with the site. For future reference, 0.6 miles is slightly outside the ½ mile radius that we require for a reference groundwater depth. Generally, any reference groundwater depth further out than this would require a borehole for groundwater depth determination.

The Variance Request for 100' groundwater depth determination is approved. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

Robert Hamlet • Environmental Specialist - Advanced

Environmental Bureau

EMNRD - Oil Conservation Division

506 W. Texas Ave. | Artesia, NM 88210

575.909.0302 | robert.hamlet@state.nm.us

<http://www.emnrd.state.nm.us/OCD/>



From: Ashton Thielke <ThielkeA@carmonaresources.com>
Sent: Friday, August 11, 2023 9:49 AM
To: Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>
Subject: [EXTERNAL] NAPP2321953140 - DEEP ELEM 4 FED COM CTB LAY FLAT LINE STRIKE - Groundwater Variance

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good morning Robert,

On behalf of EOG, I am requesting a groundwater variance for the above-mentioned site.

Attached is groundwater research of the site that include nearby water wells I have found in my research.

The nearest water well has a depth of 275.49' and was drilled in 1998, located 0.65 miles southeast from the nearest horizontal extent of the spill area.

The site is not located in a high karst environment.

Due to the depth of local groundwater and the site being not located in a high karst, EOG requests a closure criteria variance to reflect groundwater 100'+ as shown in Table 1 of 19.15.29.12 NMAC.

Feel free to contact me if you have any questions!

Thanks,

Ashton Thielke

310 West Wall Street, Suite 500

Midland TX, 79701

M: 432-813-8988 C: 281-753-5659

ThielkeA@carmonaresources.com

CARMONA RESOURCES



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 8/15/2023 12:31:01 PM

JOB DESCRIPTION

Deep Elm AST Spill (Pipeline Road)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-31826-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

Eurofins Midland

Job Notes

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

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

Authorization



Generated
8/15/2023 12:31:01 PM

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

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Laboratory Job ID: 880-31826-1
SDG: Eddy 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	30
QC Sample Results	32
QC Association Summary	40
Lab Chronicle	47
Certification Summary	57
Method Summary	58
Sample Summary	59
Chain of Custody	60
Receipt Checklists	63

1

2

3

4

5

6

7

8

9

10

11

12

13

14

Definitions/Glossary

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low 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

Eurofins Midland

Case Narrative

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Job ID: 880-31826-1**Laboratory: Eurofins Midland****Narrative****Job Narrative
880-31826-1****Receipt**

The samples were received on 8/9/2023 9:00 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 -13.3°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-3 (0-1.0') (880-31826-3), S-9 (0-1.0') (880-31826-9), S-11 (0-0.5') (880-31826-11), S-13 (0-1.0') (880-31826-13), S-15 (0-1.0') (880-31826-18) and S-16 (1.5') (880-31826-23). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-59852/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-59869 recovered below the lower control limit for Benzene, Toluene and Ethylbenzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59869/33).

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-11 (0-0.5') (880-31826-11), S-12 (0-1.0') (880-31826-12), S-13 (0-1.0') (880-31826-13), S-13 (1.5') (880-31826-14), S-13 (2.0') (880-31826-15), S-13 (3.0') (880-31826-16), S-14 (0-1.0') (880-31826-17), S-15 (0-1.0') (880-31826-18), S-15 (1.5') (880-31826-19), S-15 (2.0') (880-31826-20), S-15 (3.0') (880-31826-21), S-16 (0-1.0') (880-31826-22), S-16 (1.5') (880-31826-23), S-16 (2.0') (880-31826-24), S-17 (0-1.0') (880-31826-25), S-17 (1.5') (880-31826-26), S-17 (2.0') (880-31826-27), S-18 (0-1.0') (880-31826-28), S-18 (1.5') (880-31826-29), S-18 (2.0') (880-31826-30), (CCV 880-59899/20), (CCV 880-59899/31), (CCV 880-59899/47), (CCV 880-59899/5), (CCV 880-59899/58), (LCS 880-59849/2-A), (LCSD 880-59849/3-A), (MB 880-59849/1-A), (RTC 880-59899/3), (880-31826-A-11-D MS) and (880-31826-A-11-E MSD). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-59899 recovered above the upper control limit for Gasoline Range Organics (GRO)-C6-C10. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59899/31).

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-59849 and analytical batch 880-59899 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 880-59785 and analytical batch 880-59901 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-59901/31), (CCV 880-59901/47), (CCV 880-59901/58), (LCS 880-59785/2-A) and (LCSD 880-59785/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (880-31304-A-1-H MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-7 (0-1.0') (880-31826-7) and S-9 (0-1.0') (880-31826-9). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

Case Narrative

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Job ID: 880-31826-1 (Continued)

Laboratory: Eurofins Midland (Continued)

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-59728 and analytical batch 880-59864 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.

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7
8
9
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11
12
13
14

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-31826-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/23 09:33	08/10/23 17:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/23 09:33	08/10/23 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	08/10/23 09:33	08/10/23 17:25	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/10/23 09:33	08/10/23 17:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.2		49.6		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 01:34	1
Diesel Range Organics (Over C10-C28)	73.2		49.6		mg/Kg		08/09/23 16:40	08/12/23 01:34	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	74		70 - 130	08/09/23 16:40	08/12/23 01:34	1
o-Terphenyl	82		70 - 130	08/09/23 16:40	08/12/23 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4400		24.9		mg/Kg			08/10/23 17:44	5

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-31826-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 17:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 17:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 17:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 17:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 17:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/10/23 09:33	08/10/23 17:46	1
1,4-Difluorobenzene (Surr)	77		70 - 130	08/10/23 09:33	08/10/23 17:46	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-31826-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	97.5		50.4		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4		mg/Kg		08/09/23 16:40	08/12/23 01:57	1
Diesel Range Organics (Over C10-C28)	97.5		50.4		mg/Kg		08/09/23 16:40	08/12/23 01:57	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/09/23 16:40	08/12/23 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130				08/09/23 16:40	08/12/23 01:57	1
o-Terphenyl	105		70 - 130				08/09/23 16:40	08/12/23 01:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3170		24.9		mg/Kg			08/10/23 18:05	5

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-31826-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 18:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 18:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 18:06	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/23 09:33	08/10/23 18:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 18:06	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/23 09:33	08/10/23 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/10/23 09:33	08/10/23 18:06	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130				08/10/23 09:33	08/10/23 18:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	74.8		50.2		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/09/23 16:40	08/12/23 02:20	1
Diesel Range Organics (Over C10-C28)	74.8		50.2		mg/Kg		08/09/23 16:40	08/12/23 02:20	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-31826-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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		08/09/23 16:40	08/12/23 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130				08/09/23 16:40	08/12/23 02:20	1
o-Terphenyl	122		70 - 130				08/09/23 16:40	08/12/23 02:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6130		50.4		mg/Kg			08/10/23 18:12	10

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-31826-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 18:27	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 18:27	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 18:27	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/10/23 09:33	08/10/23 18:27	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 18:27	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/10/23 09:33	08/10/23 18:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130				08/10/23 09:33	08/10/23 18:27	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/10/23 09:33	08/10/23 18:27	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/09/23 16:40	08/12/23 02:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/09/23 16:40	08/12/23 02:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/09/23 16:40	08/12/23 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130				08/09/23 16:40	08/12/23 02:42	1
o-Terphenyl	109		70 - 130				08/09/23 16:40	08/12/23 02:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3010		25.0		mg/Kg			08/10/23 18:19	5

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-5 (0-1.0')

Lab Sample ID: 880-31826-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 18:48	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 18:48	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 18:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 18:48	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 18:48	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	08/10/23 09:33	08/10/23 18:48	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/10/23 09:33	08/10/23 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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	63.7		49.6		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 03:05	1
Diesel Range Organics (Over C10-C28)	63.7		49.6		mg/Kg		08/09/23 16:40	08/12/23 03:05	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	08/09/23 16:40	08/12/23 03:05	1
o-Terphenyl	114		70 - 130	08/09/23 16:40	08/12/23 03:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5550		50.0		mg/Kg			08/10/23 18:26	10

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-31826-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 19:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 19:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 19:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 19:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 19:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130	08/10/23 09:33	08/10/23 19:08	1
1,4-Difluorobenzene (Surr)	75		70 - 130	08/10/23 09:33	08/10/23 19:08	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-31826-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 03:28	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 03:28	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/09/23 16:40	08/12/23 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130				08/09/23 16:40	08/12/23 03:28	1
o-Terphenyl	113		70 - 130				08/09/23 16:40	08/12/23 03:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6250		49.9		mg/Kg			08/10/23 18:34	10

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 19:29	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 19:29	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 19:29	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/10/23 09:33	08/10/23 19:29	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 19:29	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/10/23 09:33	08/10/23 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130				08/10/23 09:33	08/10/23 19:29	1
1,4-Difluorobenzene (Surr)	71		70 - 130				08/10/23 09:33	08/10/23 19:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.2		49.5		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.5	U	49.5		mg/Kg		08/09/23 16:40	08/12/23 03:50	1
Diesel Range Organics (Over C10-C28)	64.2		49.5		mg/Kg		08/09/23 16:40	08/12/23 03:50	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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)	<49.5	U	49.5		mg/Kg		08/09/23 16:40	08/12/23 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130				08/09/23 16:40	08/12/23 03:50	1
o-Terphenyl	137	S1+	70 - 130				08/09/23 16:40	08/12/23 03:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4640		25.1		mg/Kg			08/10/23 18:41	5

Client Sample ID: S-8 (0-1.0')

Lab Sample ID: 880-31826-8

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 19:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 19:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 19:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/23 09:33	08/10/23 19:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 19:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/23 09:33	08/10/23 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/10/23 09:33	08/10/23 19:49	1
1,4-Difluorobenzene (Surr)	73		70 - 130				08/10/23 09:33	08/10/23 19:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	55.6		50.0		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/09/23 16:40	08/12/23 04:13	1
Diesel Range Organics (Over C10-C28)	55.6		50.0		mg/Kg		08/09/23 16:40	08/12/23 04:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/09/23 16:40	08/12/23 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130				08/09/23 16:40	08/12/23 04:13	1
o-Terphenyl	120		70 - 130				08/09/23 16:40	08/12/23 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4760		24.9		mg/Kg			08/10/23 18:48	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-9 (0-1.0')

Lab Sample ID: 880-31826-9

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 20:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 20:10	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 20:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/23 09:33	08/10/23 20:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/10/23 20:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/23 09:33	08/10/23 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	08/10/23 09:33	08/10/23 20:10	1
1,4-Difluorobenzene (Surr)	60	S1-	70 - 130	08/10/23 09:33	08/10/23 20:10	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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	50.3		mg/Kg		08/09/23 16:40	08/12/23 04:35	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/09/23 16:40	08/12/23 04:35	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/09/23 16:40	08/12/23 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	08/09/23 16:40	08/12/23 04:35	1
o-Terphenyl	131	S1+	70 - 130	08/09/23 16:40	08/12/23 04:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2930		25.2		mg/Kg			08/10/23 12:20	5

Client Sample ID: S-10 (0-0.5')

Lab Sample ID: 880-31826-10

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 20:30	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 20:30	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 20:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/23 09:33	08/10/23 20:30	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/10/23 20:30	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/23 09:33	08/10/23 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/10/23 09:33	08/10/23 20:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/10/23 09:33	08/10/23 20:30	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-10 (0-0.5')

Lab Sample ID: 880-31826-10

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	58.5		50.1		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/09/23 16:40	08/12/23 04:56	1
Diesel Range Organics (Over C10-C28)	58.5		50.1		mg/Kg		08/09/23 16:40	08/12/23 04:56	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/09/23 16:40	08/12/23 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/09/23 16:40	08/12/23 04:56	1
o-Terphenyl	123		70 - 130				08/09/23 16:40	08/12/23 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6350		50.2		mg/Kg			08/10/23 12:36	10

Client Sample ID: S-11 (0-0.5')

Lab Sample ID: 880-31826-11

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 21:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 21:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 21:53	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/23 09:33	08/10/23 21:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 21:53	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/23 09:33	08/10/23 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130				08/10/23 09:33	08/10/23 21:53	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130				08/10/23 09:33	08/10/23 21:53	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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/14/23 17:39	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	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/11/23 20:39	1
Diesel Range Organics (Over C10-C28)	<50.3	U F1	50.3		mg/Kg		08/10/23 11:20	08/11/23 20:39	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-11 (0-0.5')

Lab Sample ID: 880-31826-11

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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)	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/11/23 20:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				08/10/23 11:20	08/11/23 20:39	1
o-Terphenyl	124		70 - 130				08/10/23 11:20	08/11/23 20:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5570		49.9		mg/Kg			08/10/23 12:42	10

Client Sample ID: S-12 (0-1.0')

Lab Sample ID: 880-31826-12

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 22:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 22:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 22:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/23 09:33	08/10/23 22:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 22:14	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/23 09:33	08/10/23 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/10/23 09:33	08/10/23 22:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130				08/10/23 09:33	08/10/23 22:14	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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/14/23 17:39	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	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/11/23 21:46	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/11/23 21:46	1
Oil Range Organics (Over C28-C36)	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/11/23 21:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				08/10/23 11:20	08/11/23 21:46	1
o-Terphenyl	138	S1+	70 - 130				08/10/23 11:20	08/11/23 21:46	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9850		101		mg/Kg			08/10/23 12:48	20

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-13 (0-1.0')

Lab Sample ID: 880-31826-13

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 22:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 22:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 22:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 22:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 22:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 22:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	08/10/23 09:33	08/10/23 22:34	1
1,4-Difluorobenzene (Surr)	66	S1-	70 - 130	08/10/23 09:33	08/10/23 22:34	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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/14/23 17:39	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	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/11/23 22:09	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/11/23 22:09	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/11/23 22:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130	08/10/23 11:20	08/11/23 22:09	1
o-Terphenyl	123		70 - 130	08/10/23 11:20	08/11/23 22:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4690		50.3		mg/Kg			08/10/23 12:53	10

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 22:55	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 22:55	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 22:55	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/10/23 09:33	08/10/23 22:55	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/23 09:33	08/10/23 22:55	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/10/23 09:33	08/10/23 22:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	08/10/23 09:33	08/10/23 22:55	1
1,4-Difluorobenzene (Surr)	77		70 - 130	08/10/23 09:33	08/10/23 22:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/14/23 17:39	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	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/11/23 22:32	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/11/23 22:32	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/11/23 22:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	157	S1+	70 - 130				08/10/23 11:20	08/11/23 22:32	1
o-Terphenyl	138	S1+	70 - 130				08/10/23 11:20	08/11/23 22:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4890		50.2		mg/Kg			08/10/23 13:10	10

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-31826-15

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:15	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/23 09:33	08/10/23 23:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/23 09:33	08/10/23 23:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130				08/10/23 09:33	08/10/23 23:15	1
1,4-Difluorobenzene (Surr)	73		70 - 130				08/10/23 09:33	08/10/23 23:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/14/23 17:39	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		08/10/23 11:20	08/11/23 22:55	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/10/23 11:20	08/11/23 22:55	1

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Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-31826-15

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/10/23 11:20	08/11/23 22:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	173	S1+	70 - 130				08/10/23 11:20	08/11/23 22:55	1
o-Terphenyl	152	S1+	70 - 130				08/10/23 11:20	08/11/23 22:55	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4840		50.0		mg/Kg			08/10/23 13:16	10

Client Sample ID: S-13 (3.0')

Lab Sample ID: 880-31826-16

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 23:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 23:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 23:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/10/23 09:33	08/10/23 23:36	1
1,4-Difluorobenzene (Surr)	75		70 - 130				08/10/23 09:33	08/10/23 23:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/14/23 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/10/23 11:20	08/11/23 23:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/23 11:20	08/11/23 23:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/23 11:20	08/11/23 23:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130				08/10/23 11:20	08/11/23 23:17	1
o-Terphenyl	136	S1+	70 - 130				08/10/23 11:20	08/11/23 23:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		24.9		mg/Kg			08/10/23 13:22	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-31826-17

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 23:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 23:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 23:56	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 23:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 09:33	08/10/23 23:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 09:33	08/10/23 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	08/10/23 09:33	08/10/23 23:56	1
1,4-Difluorobenzene (Surr)	72		70 - 130	08/10/23 09:33	08/10/23 23:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/23 17:39	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		08/10/23 11:20	08/11/23 23:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/23 11:20	08/11/23 23:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/23 11:20	08/11/23 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	162	S1+	70 - 130	08/10/23 11:20	08/11/23 23:40	1
o-Terphenyl	142	S1+	70 - 130	08/10/23 11:20	08/11/23 23:40	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4490		24.8		mg/Kg			08/10/23 13:28	5

Client Sample ID: S-15 (0-1.0')

Lab Sample ID: 880-31826-18

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/11/23 00:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/11/23 00:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/11/23 00:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/23 09:33	08/11/23 00:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/23 09:33	08/11/23 00:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/23 09:33	08/11/23 00:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/10/23 09:33	08/11/23 00:17	1
1,4-Difluorobenzene (Surr)	69	S1-	70 - 130	08/10/23 09:33	08/11/23 00:17	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-15 (0-1.0')

Lab Sample ID: 880-31826-18

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/23 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/10/23 11:20	08/12/23 00:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/23 11:20	08/12/23 00:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/23 11:20	08/12/23 00:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	153	S1+	70 - 130				08/10/23 11:20	08/12/23 00:03	1
o-Terphenyl	134	S1+	70 - 130				08/10/23 11:20	08/12/23 00:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3870		25.1		mg/Kg			08/10/23 13:33	5

Client Sample ID: S-15 (1.5')

Lab Sample ID: 880-31826-19

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:37	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/23 09:33	08/11/23 00:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/23 09:33	08/11/23 00:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130				08/10/23 09:33	08/11/23 00:37	1
1,4-Difluorobenzene (Surr)	70		70 - 130				08/10/23 09:33	08/11/23 00:37	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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.3	U	50.3		mg/Kg			08/14/23 17:39	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	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/12/23 00:26	1
Diesel Range Organics (Over C10-C28)	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/12/23 00:26	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-15 (1.5')

Lab Sample ID: 880-31826-19

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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)	<50.3	U	50.3		mg/Kg		08/10/23 11:20	08/12/23 00:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	149	S1+	70 - 130				08/10/23 11:20	08/12/23 00:26	1
o-Terphenyl	132	S1+	70 - 130				08/10/23 11:20	08/12/23 00:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4660		50.5		mg/Kg			08/10/23 13:39	10

Client Sample ID: S-15 (2.0')

Lab Sample ID: 880-31826-20

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:58	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/23 09:33	08/11/23 00:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 09:33	08/11/23 00:58	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/23 09:33	08/11/23 00:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				08/10/23 09:33	08/11/23 00:58	1
1,4-Difluorobenzene (Surr)	75		70 - 130				08/10/23 09:33	08/11/23 00:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/14/23 17:39	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	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 00:48	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 00:48	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	172	S1+	70 - 130				08/10/23 11:20	08/12/23 00:48	1
o-Terphenyl	150	S1+	70 - 130				08/10/23 11:20	08/12/23 00:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4670		49.9		mg/Kg			08/10/23 13:56	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-15 (3.0')

Lab Sample ID: 880-31826-21

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 06:45	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 06:45	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 06:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/23 11:41	08/11/23 06:45	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 06:45	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/23 11:41	08/11/23 06:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	08/10/23 11:41	08/11/23 06:45	1
1,4-Difluorobenzene (Surr)	70		70 - 130	08/10/23 11:41	08/11/23 06:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/14/23 17:39	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	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/12/23 01:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/12/23 01:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/12/23 01:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130	08/10/23 11:20	08/12/23 01:34	1
o-Terphenyl	124		70 - 130	08/10/23 11:20	08/12/23 01:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3710		24.9		mg/Kg			08/10/23 14:01	5

Client Sample ID: S-16 (0-1.0')

Lab Sample ID: 880-31826-22

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 07:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 07:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 07:06	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/23 11:41	08/11/23 07:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 07:06	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/23 11:41	08/11/23 07:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/10/23 11:41	08/11/23 07:06	1
1,4-Difluorobenzene (Surr)	73		70 - 130	08/10/23 11:41	08/11/23 07:06	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-16 (0-1.0')

Lab Sample ID: 880-31826-22

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/14/23 17:39	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	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 01:57	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 01:57	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 01:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	139	S1+	70 - 130				08/10/23 11:20	08/12/23 01:57	1
o-Terphenyl	124		70 - 130				08/10/23 11:20	08/12/23 01:57	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5090		49.7		mg/Kg			08/10/23 14:18	10

Client Sample ID: S-16 (1.5')

Lab Sample ID: 880-31826-23

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:23	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/23 11:41	08/11/23 09:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:23	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/23 11:41	08/11/23 09:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130				08/10/23 11:41	08/11/23 09:23	1
1,4-Difluorobenzene (Surr)	59	S1-	70 - 130				08/10/23 11:41	08/11/23 09:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/23 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/10/23 11:20	08/12/23 02:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/23 11:20	08/12/23 02:20	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-16 (1.5')

Lab Sample ID: 880-31826-23

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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		08/10/23 11:20	08/12/23 02:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	145	S1+	70 - 130				08/10/23 11:20	08/12/23 02:20	1
o-Terphenyl	129		70 - 130				08/10/23 11:20	08/12/23 02:20	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5820		50.4		mg/Kg			08/10/23 14:24	10

Client Sample ID: S-16 (2.0')

Lab Sample ID: 880-31826-24

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:44	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:44	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:44	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/23 11:41	08/11/23 09:44	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 09:44	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/23 11:41	08/11/23 09:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				08/10/23 11:41	08/11/23 09:44	1
1,4-Difluorobenzene (Surr)	93		70 - 130				08/10/23 11:41	08/11/23 09:44	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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/14/23 17:39	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	<49.6	U	49.6		mg/Kg		08/10/23 11:20	08/12/23 02:42	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/10/23 11:20	08/12/23 02:42	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/10/23 11:20	08/12/23 02:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	151	S1+	70 - 130				08/10/23 11:20	08/12/23 02:42	1
o-Terphenyl	133	S1+	70 - 130				08/10/23 11:20	08/12/23 02:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6920		50.0		mg/Kg			08/10/23 14:30	10

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-31826-25

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 10:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 10:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 10:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/23 11:41	08/11/23 10:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 10:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/23 11:41	08/11/23 10:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	08/10/23 11:41	08/11/23 10:04	1
1,4-Difluorobenzene (Surr)	71		70 - 130	08/10/23 11:41	08/11/23 10:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2		mg/Kg			08/14/23 17:39	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		08/10/23 11:20	08/12/23 03:05	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2		mg/Kg		08/10/23 11:20	08/12/23 03:05	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/10/23 11:20	08/12/23 03:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	152	S1+	70 - 130	08/10/23 11:20	08/12/23 03:05	1
o-Terphenyl	135	S1+	70 - 130	08/10/23 11:20	08/12/23 03:05	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5310		50.0		mg/Kg			08/10/23 14:35	10

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-31826-26

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 10:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 10:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 10:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		08/10/23 11:41	08/11/23 10:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 10:25	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/10/23 11:41	08/11/23 10:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	78		70 - 130	08/10/23 11:41	08/11/23 10:25	1
1,4-Difluorobenzene (Surr)	80		70 - 130	08/10/23 11:41	08/11/23 10:25	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-31826-26

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4		mg/Kg			08/14/23 17:39	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	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 03:28	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 03:28	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4		mg/Kg		08/10/23 11:20	08/12/23 03:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	147	S1+	70 - 130				08/10/23 11:20	08/12/23 03:28	1
o-Terphenyl	131	S1+	70 - 130				08/10/23 11:20	08/12/23 03:28	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4870		49.9		mg/Kg			08/10/23 14:41	10

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 10:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 10:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 10:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 10:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 10:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 10:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130				08/10/23 11:41	08/11/23 10:45	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130				08/10/23 11:41	08/11/23 10:45	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/11/23 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/23 17:39	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		08/10/23 11:20	08/12/23 03:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/23 11:20	08/12/23 03:50	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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		08/10/23 11:20	08/12/23 03:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	148	S1+	70 - 130				08/10/23 11:20	08/12/23 03:50	1
o-Terphenyl	131	S1+	70 - 130				08/10/23 11:20	08/12/23 03:50	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4190		25.1		mg/Kg			08/10/23 14:47	5

Client Sample ID: S-18 (0-1.0')

Lab Sample ID: 880-31826-28

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 11:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 11:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 11:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 11:41	08/11/23 11:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 11:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 11:41	08/11/23 11:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130				08/10/23 11:41	08/11/23 11:06	1
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130				08/10/23 11:41	08/11/23 11:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			08/11/23 14:31	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			08/14/23 17:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/10/23 11:20	08/12/23 04:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/10/23 11:20	08/12/23 04:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/10/23 11:20	08/12/23 04:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	167	S1+	70 - 130				08/10/23 11:20	08/12/23 04:13	1
o-Terphenyl	144	S1+	70 - 130				08/10/23 11:20	08/12/23 04:13	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3430		24.9		mg/Kg			08/10/23 14:52	5

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-18 (1.5')

Lab Sample ID: 880-31826-29

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 11:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 11:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 11:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 11:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 11:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 11:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	08/10/23 11:41	08/11/23 11:26	1
1,4-Difluorobenzene (Surr)	77		70 - 130	08/10/23 11:41	08/11/23 11:26	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/11/23 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/14/23 17:39	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	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/12/23 04:35	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/12/23 04:35	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/10/23 11:20	08/12/23 04:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	140	S1+	70 - 130	08/10/23 11:20	08/12/23 04:35	1
o-Terphenyl	122		70 - 130	08/10/23 11:20	08/12/23 04:35	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	571		4.99		mg/Kg			08/10/23 02:00	1

Client Sample ID: S-18 (2.0')

Lab Sample ID: 880-31826-30

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 11:47	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 11:47	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 11:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/10/23 11:41	08/11/23 11:47	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 11:47	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/10/23 11:41	08/11/23 11:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/10/23 11:41	08/11/23 11:47	1
1,4-Difluorobenzene (Surr)	62	S1-	70 - 130	08/10/23 11:41	08/11/23 11:47	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-18 (2.0')

Lab Sample ID: 880-31826-30

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			08/11/23 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/14/23 17:39	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		08/10/23 11:20	08/12/23 04:56	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/10/23 11:20	08/12/23 04:56	1
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/10/23 11:20	08/12/23 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	150	S1+	70 - 130				08/10/23 11:20	08/12/23 04:56	1
o-Terphenyl	130		70 - 130				08/10/23 11:20	08/12/23 04:56	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	803		5.01		mg/Kg			08/10/23 02:05	1

Surrogate Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy 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)
880-31826-1	S-1 (0-1.0')	100	106
880-31826-1 MS	S-1 (0-1.0')	113	125
880-31826-1 MSD	S-1 (0-1.0')	112	100
880-31826-2	S-2 (0-1.0')	84	77
880-31826-3	S-3 (0-1.0')	88	62 S1-
880-31826-4	S-4 (0-1.0')	78	98
880-31826-5	S-5 (0-1.0')	82	93
880-31826-6	S-6 (0-1.0')	84	75
880-31826-7	S-7 (0-1.0')	86	71
880-31826-8	S-8 (0-1.0')	88	73
880-31826-9	S-9 (0-1.0')	90	60 S1-
880-31826-10	S-10 (0-0.5')	109	96
880-31826-11	S-11 (0-0.5')	85	66 S1-
880-31826-12	S-12 (0-1.0')	107	104
880-31826-13	S-13 (0-1.0')	81	66 S1-
880-31826-14	S-13 (1.5')	80	77
880-31826-15	S-13 (2.0')	82	73
880-31826-16	S-13 (3.0')	105	75
880-31826-17	S-14 (0-1.0')	81	72
880-31826-18	S-15 (0-1.0')	78	69 S1-
880-31826-19	S-15 (1.5')	89	70
880-31826-20	S-15 (2.0')	77	75
880-31826-21	S-15 (3.0')	82	70
880-31826-22	S-16 (0-1.0')	78	73
880-31826-23	S-16 (1.5')	88	59 S1-
880-31826-24	S-16 (2.0')	77	93
880-31826-25	S-17 (0-1.0')	81	71
880-31826-26	S-17 (1.5')	78	80
880-31826-27	S-17 (2.0')	91	62 S1-
880-31826-28	S-18 (0-1.0')	96	63 S1-
880-31826-29	S-18 (1.5')	96	77
880-31826-30	S-18 (2.0')	93	62 S1-
LCS 880-59833/1-A	Lab Control Sample	106	123
LCS 880-59852/1-A	Lab Control Sample	125	113
LCSD 880-59833/2-A	Lab Control Sample Dup	112	99
LCSD 880-59852/2-A	Lab Control Sample Dup	129	116
MB 880-59833/5-A	Method Blank	71	97
MB 880-59852/5-A	Method Blank	69 S1-	83
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)
880-31304-A-1-H MS	Matrix Spike	131 S1+	139 S1+

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Surrogate Summary

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy 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)
880-31304-A-1-I MSD	Matrix Spike Duplicate	116	124
880-31826-1	S-1 (0-1.0')	74	82
880-31826-2	S-2 (0-1.0')	92	105
880-31826-3	S-3 (0-1.0')	110	122
880-31826-4	S-4 (0-1.0')	97	109
880-31826-5	S-5 (0-1.0')	97	114
880-31826-6	S-6 (0-1.0')	101	113
880-31826-7	S-7 (0-1.0')	119	137 S1+
880-31826-8	S-8 (0-1.0')	103	120
880-31826-9	S-9 (0-1.0')	112	131 S1+
880-31826-10	S-10 (0-0.5')	104	123
880-31826-11	S-11 (0-0.5')	139 S1+	124
880-31826-11 MS	S-11 (0-0.5')	145 S1+	113
880-31826-11 MSD	S-11 (0-0.5')	145 S1+	108
880-31826-12	S-12 (0-1.0')	157 S1+	138 S1+
880-31826-13	S-13 (0-1.0')	139 S1+	123
880-31826-14	S-13 (1.5')	157 S1+	138 S1+
880-31826-15	S-13 (2.0')	173 S1+	152 S1+
880-31826-16	S-13 (3.0')	152 S1+	136 S1+
880-31826-17	S-14 (0-1.0')	162 S1+	142 S1+
880-31826-18	S-15 (0-1.0')	153 S1+	134 S1+
880-31826-19	S-15 (1.5')	149 S1+	132 S1+
880-31826-20	S-15 (2.0')	172 S1+	150 S1+
880-31826-21	S-15 (3.0')	143 S1+	124
880-31826-22	S-16 (0-1.0')	139 S1+	124
880-31826-23	S-16 (1.5')	145 S1+	129
880-31826-24	S-16 (2.0')	151 S1+	133 S1+
880-31826-25	S-17 (0-1.0')	152 S1+	135 S1+
880-31826-26	S-17 (1.5')	147 S1+	131 S1+
880-31826-27	S-17 (2.0')	148 S1+	131 S1+
880-31826-28	S-18 (0-1.0')	167 S1+	144 S1+
880-31826-29	S-18 (1.5')	140 S1+	122
880-31826-30	S-18 (2.0')	150 S1+	130
LCS 880-59785/2-A	Lab Control Sample	111	140 S1+
LCS 880-59849/2-A	Lab Control Sample	172 S1+	145 S1+
LCSD 880-59785/3-A	Lab Control Sample Dup	114	144 S1+
LCSD 880-59849/3-A	Lab Control Sample Dup	184 S1+	155 S1+
MB 880-59785/1-A	Method Blank	113	136 S1+
MB 880-59849/1-A	Method Blank	134 S1+	121

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-59833/5-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 17:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	08/10/23 09:33	08/10/23 17:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/10/23 09:33	08/10/23 17:04	1

Lab Sample ID: LCS 880-59833/1-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09434		mg/Kg		94	70 - 130
Toluene	0.100	0.09901		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09619		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.2125		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1037		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	123		70 - 130

Lab Sample ID: LCSD 880-59833/2-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59833

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09107		mg/Kg		91	70 - 130	4	35
Toluene	0.100	0.09909		mg/Kg		99	70 - 130	0	35
Ethylbenzene	0.100	0.09731		mg/Kg		97	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2159		mg/Kg		108	70 - 130	2	35
o-Xylene	0.100	0.1055		mg/Kg		105	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-31826-1 MS

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: S-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 59833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.0998	0.09419		mg/Kg		94	70 - 130
Toluene	<0.00200	U	0.0998	0.09376		mg/Kg		94	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31826-1 MS

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: S-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 59833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0998	0.08809		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1894		mg/Kg		94	70 - 130
o-Xylene	<0.00200	U	0.0998	0.09197		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: 880-31826-1 MSD

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: S-1 (0-1.0')

Prep Type: Total/NA

Prep Batch: 59833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.101	0.09240		mg/Kg		92	70 - 130	2	35
Toluene	<0.00200	U	0.101	0.09598		mg/Kg		95	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.101	0.09073		mg/Kg		90	70 - 130	3	35
m-Xylene & p-Xylene	<0.00399	U	0.201	0.1956		mg/Kg		97	70 - 130	3	35
o-Xylene	<0.00200	U	0.101	0.09575		mg/Kg		95	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-59852/5-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 11:41	08/11/23 03:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	08/10/23 11:41	08/11/23 03:40	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/10/23 11:41	08/11/23 03:40	1

Lab Sample ID: LCS 880-59852/1-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09269		mg/Kg		93	70 - 130
Toluene	0.100	0.1027		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2341		mg/Kg		117	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-59852/1-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	0.100	0.1157		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-59852/2-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09315		mg/Kg		93	70 - 130	0	35
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	1	35
Ethylbenzene	0.100	0.1065		mg/Kg		106	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2378		mg/Kg		119	70 - 130	2	35
o-Xylene	0.100	0.1178		mg/Kg		118	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

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

Lab Sample ID: MB 880-59785/1-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59785

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/09/23 16:40	08/11/23 19:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/09/23 16:40	08/11/23 19:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/09/23 16:40	08/11/23 19:32	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	08/09/23 16:40	08/11/23 19:32	1
o-Terphenyl	136	S1+	70 - 130	08/09/23 16:40	08/11/23 19:32	1

Lab Sample ID: LCS 880-59785/2-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59785

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	945.9		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	983.1		mg/Kg		98	70 - 130

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCS 880-59785/2-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59785

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	140	S1+	70 - 130

Lab Sample ID: LCSD 880-59785/3-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59785

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	960.2		mg/Kg		96	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	991.4		mg/Kg		99	70 - 130	1	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	144	S1+	70 - 130

Lab Sample ID: 880-31304-A-1-H MS

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 59785

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	993	1176		mg/Kg		115	70 - 130
Diesel Range Organics (Over C10-C28)	51.1		993	1197		mg/Kg		115	70 - 130

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	139	S1+	70 - 130

Lab Sample ID: 880-31304-A-1-I MSD

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 59785

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	993	1026		mg/Kg		100	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	51.1		993	1064		mg/Kg		102	70 - 130	12	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	116		70 - 130
o-Terphenyl	124		70 - 130

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QC Sample Results

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-59849/1-A

Matrix: Solid

Analysis Batch: 59899

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59849

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/10/23 11:19	08/11/23 19:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/23 11:19	08/11/23 19:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/23 11:19	08/11/23 19:32	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	134	S1+	70 - 130				08/10/23 11:19	08/11/23 19:32	1
o-Terphenyl	121		70 - 130				08/10/23 11:19	08/11/23 19:32	1

Lab Sample ID: LCS 880-59849/2-A

Matrix: Solid

Analysis Batch: 59899

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59849

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1185		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1180		mg/Kg		118	70 - 130
Surrogate	%Recovery	LCS Qualifier	Limits				
1-Chlorooctane	172	S1+	70 - 130				
o-Terphenyl	145	S1+	70 - 130				

Lab Sample ID: LCSD 880-59849/3-A

Matrix: Solid

Analysis Batch: 59899

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59849

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1159		mg/Kg		116	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1139		mg/Kg		114	70 - 130	4	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	184	S1+	70 - 130						
o-Terphenyl	155	S1+	70 - 130						

Lab Sample ID: 880-31826-11 MS

Matrix: Solid

Analysis Batch: 59899

Client Sample ID: S-11 (0-0.5')

Prep Type: Total/NA

Prep Batch: 59849

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	994	1090		mg/Kg		110	70 - 130
Diesel Range Organics (Over C10-C28)	<50.3	U F1	994	1436	F1	mg/Kg		142	70 - 130

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31826-11 MS

Matrix: Solid

Analysis Batch: 59899

Client Sample ID: S-11 (0-0.5')

Prep Type: Total/NA

Prep Batch: 59849

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	145	S1+	70 - 130
o-Terphenyl	113		70 - 130

Lab Sample ID: 880-31826-11 MSD

Matrix: Solid

Analysis Batch: 59899

Client Sample ID: S-11 (0-0.5')

Prep Type: Total/NA

Prep Batch: 59849

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.3	U	994	1071		mg/Kg		108	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.3	U F1	994	1430	F1	mg/Kg		141	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	145	S1+	70 - 130								
o-Terphenyl	108		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59734/1-A

Matrix: Solid

Analysis Batch: 59752

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/09/23 23:21	1

Lab Sample ID: LCS 880-59734/2-A

Matrix: Solid

Analysis Batch: 59752

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.3		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-59734/3-A

Matrix: Solid

Analysis Batch: 59752

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	233.2		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-31824-A-7-C MS

Matrix: Solid

Analysis Batch: 59752

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	59.5		253	331.6		mg/Kg		108	90 - 110

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-31824-A-7-D MSD

Matrix: Solid

Analysis Batch: 59752

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	59.5		253	330.2		mg/Kg		107	90 - 110	0	20

Lab Sample ID: MB 880-59727/1-A

Matrix: Solid

Analysis Batch: 59863

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/10/23 12:03	1

Lab Sample ID: LCS 880-59727/2-A

Matrix: Solid

Analysis Batch: 59863

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.1		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-59727/3-A

Matrix: Solid

Analysis Batch: 59863

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	226.9		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-31826-9 MS

Matrix: Solid

Analysis Batch: 59863

Client Sample ID: S-9 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2930		1260	4142		mg/Kg		96	90 - 110

Lab Sample ID: 880-31826-9 MSD

Matrix: Solid

Analysis Batch: 59863

Client Sample ID: S-9 (0-1.0')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2930		1260	4152		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-31826-19 MS

Matrix: Solid

Analysis Batch: 59863

Client Sample ID: S-15 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4660		2530	7115		mg/Kg		97	90 - 110

Lab Sample ID: 880-31826-19 MSD

Matrix: Solid

Analysis Batch: 59863

Client Sample ID: S-15 (1.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4660		2530	7102		mg/Kg		97	90 - 110	0	20

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59728/1-A

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/10/23 15:13	1

Lab Sample ID: LCS 880-59728/2-A

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.7		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-59728/3-A

Matrix: Solid

Analysis Batch: 59864

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	272.6		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-31825-A-7-B MS

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	36.8	F1	253	328.6	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-31825-A-7-C MSD

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	36.8	F1	253	328.1	F1	mg/Kg		115	90 - 110	0	20

QC Association Summary

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 59833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Total/NA	Solid	5035	
880-31826-2	S-2 (0-1.0')	Total/NA	Solid	5035	
880-31826-3	S-3 (0-1.0')	Total/NA	Solid	5035	
880-31826-4	S-4 (0-1.0')	Total/NA	Solid	5035	
880-31826-5	S-5 (0-1.0')	Total/NA	Solid	5035	
880-31826-6	S-6 (0-1.0')	Total/NA	Solid	5035	
880-31826-7	S-7 (0-1.0')	Total/NA	Solid	5035	
880-31826-8	S-8 (0-1.0')	Total/NA	Solid	5035	
880-31826-9	S-9 (0-1.0')	Total/NA	Solid	5035	
880-31826-10	S-10 (0-0.5')	Total/NA	Solid	5035	
880-31826-11	S-11 (0-0.5')	Total/NA	Solid	5035	
880-31826-12	S-12 (0-1.0')	Total/NA	Solid	5035	
880-31826-13	S-13 (0-1.0')	Total/NA	Solid	5035	
880-31826-14	S-13 (1.5')	Total/NA	Solid	5035	
880-31826-15	S-13 (2.0')	Total/NA	Solid	5035	
880-31826-16	S-13 (3.0')	Total/NA	Solid	5035	
880-31826-17	S-14 (0-1.0')	Total/NA	Solid	5035	
880-31826-18	S-15 (0-1.0')	Total/NA	Solid	5035	
880-31826-19	S-15 (1.5')	Total/NA	Solid	5035	
880-31826-20	S-15 (2.0')	Total/NA	Solid	5035	
MB 880-59833/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59833/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59833/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-31826-1 MS	S-1 (0-1.0')	Total/NA	Solid	5035	
880-31826-1 MSD	S-1 (0-1.0')	Total/NA	Solid	5035	

Prep Batch: 59852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-21	S-15 (3.0')	Total/NA	Solid	5035	
880-31826-22	S-16 (0-1.0')	Total/NA	Solid	5035	
880-31826-23	S-16 (1.5')	Total/NA	Solid	5035	
880-31826-24	S-16 (2.0')	Total/NA	Solid	5035	
880-31826-25	S-17 (0-1.0')	Total/NA	Solid	5035	
880-31826-26	S-17 (1.5')	Total/NA	Solid	5035	
880-31826-27	S-17 (2.0')	Total/NA	Solid	5035	
880-31826-28	S-18 (0-1.0')	Total/NA	Solid	5035	
880-31826-29	S-18 (1.5')	Total/NA	Solid	5035	
880-31826-30	S-18 (2.0')	Total/NA	Solid	5035	
MB 880-59852/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59852/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59852/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 59869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-2	S-2 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-3	S-3 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-4	S-4 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-5	S-5 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-6	S-6 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-7	S-7 (0-1.0')	Total/NA	Solid	8021B	59833

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 59869 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-8	S-8 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-9	S-9 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-10	S-10 (0-0.5')	Total/NA	Solid	8021B	59833
880-31826-11	S-11 (0-0.5')	Total/NA	Solid	8021B	59833
880-31826-12	S-12 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-13	S-13 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-14	S-13 (1.5')	Total/NA	Solid	8021B	59833
880-31826-15	S-13 (2.0')	Total/NA	Solid	8021B	59833
880-31826-16	S-13 (3.0')	Total/NA	Solid	8021B	59833
880-31826-17	S-14 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-18	S-15 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-19	S-15 (1.5')	Total/NA	Solid	8021B	59833
880-31826-20	S-15 (2.0')	Total/NA	Solid	8021B	59833
880-31826-21	S-15 (3.0')	Total/NA	Solid	8021B	59852
880-31826-22	S-16 (0-1.0')	Total/NA	Solid	8021B	59852
880-31826-23	S-16 (1.5')	Total/NA	Solid	8021B	59852
880-31826-24	S-16 (2.0')	Total/NA	Solid	8021B	59852
880-31826-25	S-17 (0-1.0')	Total/NA	Solid	8021B	59852
880-31826-26	S-17 (1.5')	Total/NA	Solid	8021B	59852
880-31826-27	S-17 (2.0')	Total/NA	Solid	8021B	59852
880-31826-28	S-18 (0-1.0')	Total/NA	Solid	8021B	59852
880-31826-29	S-18 (1.5')	Total/NA	Solid	8021B	59852
880-31826-30	S-18 (2.0')	Total/NA	Solid	8021B	59852
MB 880-59833/5-A	Method Blank	Total/NA	Solid	8021B	59833
MB 880-59852/5-A	Method Blank	Total/NA	Solid	8021B	59852
LCS 880-59833/1-A	Lab Control Sample	Total/NA	Solid	8021B	59833
LCS 880-59852/1-A	Lab Control Sample	Total/NA	Solid	8021B	59852
LCSD 880-59833/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59833
LCSD 880-59852/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59852
880-31826-1 MS	S-1 (0-1.0')	Total/NA	Solid	8021B	59833
880-31826-1 MSD	S-1 (0-1.0')	Total/NA	Solid	8021B	59833

Analysis Batch: 59935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-2	S-2 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-3	S-3 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-4	S-4 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-5	S-5 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-6	S-6 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-7	S-7 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-8	S-8 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-9	S-9 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-10	S-10 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31826-11	S-11 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31826-12	S-12 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-13	S-13 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-14	S-13 (1.5')	Total/NA	Solid	Total BTEX	
880-31826-15	S-13 (2.0')	Total/NA	Solid	Total BTEX	
880-31826-16	S-13 (3.0')	Total/NA	Solid	Total BTEX	
880-31826-17	S-14 (0-1.0')	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy County, New Mexico

GC VOA (Continued)

Analysis Batch: 59935 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-18	S-15 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-19	S-15 (1.5')	Total/NA	Solid	Total BTEX	
880-31826-20	S-15 (2.0')	Total/NA	Solid	Total BTEX	
880-31826-21	S-15 (3.0')	Total/NA	Solid	Total BTEX	
880-31826-22	S-16 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-23	S-16 (1.5')	Total/NA	Solid	Total BTEX	
880-31826-24	S-16 (2.0')	Total/NA	Solid	Total BTEX	
880-31826-25	S-17 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-26	S-17 (1.5')	Total/NA	Solid	Total BTEX	
880-31826-27	S-17 (2.0')	Total/NA	Solid	Total BTEX	
880-31826-28	S-18 (0-1.0')	Total/NA	Solid	Total BTEX	
880-31826-29	S-18 (1.5')	Total/NA	Solid	Total BTEX	
880-31826-30	S-18 (2.0')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 59785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-2	S-2 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-3	S-3 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-4	S-4 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-5	S-5 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-6	S-6 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-7	S-7 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-8	S-8 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-9	S-9 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-10	S-10 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-59785/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-59785/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-59785/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-31304-A-1-H MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-31304-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 59849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-11	S-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31826-12	S-12 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-13	S-13 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-14	S-13 (1.5')	Total/NA	Solid	8015NM Prep	
880-31826-15	S-13 (2.0')	Total/NA	Solid	8015NM Prep	
880-31826-16	S-13 (3.0')	Total/NA	Solid	8015NM Prep	
880-31826-17	S-14 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-18	S-15 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-19	S-15 (1.5')	Total/NA	Solid	8015NM Prep	
880-31826-20	S-15 (2.0')	Total/NA	Solid	8015NM Prep	
880-31826-21	S-15 (3.0')	Total/NA	Solid	8015NM Prep	
880-31826-22	S-16 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-23	S-16 (1.5')	Total/NA	Solid	8015NM Prep	
880-31826-24	S-16 (2.0')	Total/NA	Solid	8015NM Prep	
880-31826-25	S-17 (0-1.0')	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 59849 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-26	S-17 (1.5')	Total/NA	Solid	8015NM Prep	
880-31826-27	S-17 (2.0')	Total/NA	Solid	8015NM Prep	
880-31826-28	S-18 (0-1.0')	Total/NA	Solid	8015NM Prep	
880-31826-29	S-18 (1.5')	Total/NA	Solid	8015NM Prep	
880-31826-30	S-18 (2.0')	Total/NA	Solid	8015NM Prep	
MB 880-59849/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-59849/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-59849/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-31826-11 MS	S-11 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31826-11 MSD	S-11 (0-0.5')	Total/NA	Solid	8015NM Prep	

Analysis Batch: 59899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-11	S-11 (0-0.5')	Total/NA	Solid	8015B NM	59849
880-31826-12	S-12 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-13	S-13 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-14	S-13 (1.5')	Total/NA	Solid	8015B NM	59849
880-31826-15	S-13 (2.0')	Total/NA	Solid	8015B NM	59849
880-31826-16	S-13 (3.0')	Total/NA	Solid	8015B NM	59849
880-31826-17	S-14 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-18	S-15 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-19	S-15 (1.5')	Total/NA	Solid	8015B NM	59849
880-31826-20	S-15 (2.0')	Total/NA	Solid	8015B NM	59849
880-31826-21	S-15 (3.0')	Total/NA	Solid	8015B NM	59849
880-31826-22	S-16 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-23	S-16 (1.5')	Total/NA	Solid	8015B NM	59849
880-31826-24	S-16 (2.0')	Total/NA	Solid	8015B NM	59849
880-31826-25	S-17 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-26	S-17 (1.5')	Total/NA	Solid	8015B NM	59849
880-31826-27	S-17 (2.0')	Total/NA	Solid	8015B NM	59849
880-31826-28	S-18 (0-1.0')	Total/NA	Solid	8015B NM	59849
880-31826-29	S-18 (1.5')	Total/NA	Solid	8015B NM	59849
880-31826-30	S-18 (2.0')	Total/NA	Solid	8015B NM	59849
MB 880-59849/1-A	Method Blank	Total/NA	Solid	8015B NM	59849
LCS 880-59849/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	59849
LCSD 880-59849/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	59849
880-31826-11 MS	S-11 (0-0.5')	Total/NA	Solid	8015B NM	59849
880-31826-11 MSD	S-11 (0-0.5')	Total/NA	Solid	8015B NM	59849

Analysis Batch: 59901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-2	S-2 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-3	S-3 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-4	S-4 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-5	S-5 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-6	S-6 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-7	S-7 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-8	S-8 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-9	S-9 (0-1.0')	Total/NA	Solid	8015B NM	59785
880-31826-10	S-10 (0-0.5')	Total/NA	Solid	8015B NM	59785

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Analysis Batch: 59901 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-59785/1-A	Method Blank	Total/NA	Solid	8015B NM	59785
LCS 880-59785/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	59785
LCSD 880-59785/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	59785
880-31304-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B NM	59785
880-31304-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	59785

Analysis Batch: 60195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-2	S-2 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-3	S-3 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-4	S-4 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-5	S-5 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-6	S-6 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-7	S-7 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-8	S-8 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-9	S-9 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-10	S-10 (0-0.5')	Total/NA	Solid	8015 NM	
880-31826-11	S-11 (0-0.5')	Total/NA	Solid	8015 NM	
880-31826-12	S-12 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-13	S-13 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-14	S-13 (1.5')	Total/NA	Solid	8015 NM	
880-31826-15	S-13 (2.0')	Total/NA	Solid	8015 NM	
880-31826-16	S-13 (3.0')	Total/NA	Solid	8015 NM	
880-31826-17	S-14 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-18	S-15 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-19	S-15 (1.5')	Total/NA	Solid	8015 NM	
880-31826-20	S-15 (2.0')	Total/NA	Solid	8015 NM	
880-31826-21	S-15 (3.0')	Total/NA	Solid	8015 NM	
880-31826-22	S-16 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-23	S-16 (1.5')	Total/NA	Solid	8015 NM	
880-31826-24	S-16 (2.0')	Total/NA	Solid	8015 NM	
880-31826-25	S-17 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-26	S-17 (1.5')	Total/NA	Solid	8015 NM	
880-31826-27	S-17 (2.0')	Total/NA	Solid	8015 NM	
880-31826-28	S-18 (0-1.0')	Total/NA	Solid	8015 NM	
880-31826-29	S-18 (1.5')	Total/NA	Solid	8015 NM	
880-31826-30	S-18 (2.0')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 59727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-9	S-9 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-10	S-10 (0-0.5')	Soluble	Solid	DI Leach	
880-31826-11	S-11 (0-0.5')	Soluble	Solid	DI Leach	
880-31826-12	S-12 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-13	S-13 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-14	S-13 (1.5')	Soluble	Solid	DI Leach	
880-31826-15	S-13 (2.0')	Soluble	Solid	DI Leach	
880-31826-16	S-13 (3.0')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 59727 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-17	S-14 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-18	S-15 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-19	S-15 (1.5')	Soluble	Solid	DI Leach	
880-31826-20	S-15 (2.0')	Soluble	Solid	DI Leach	
880-31826-21	S-15 (3.0')	Soluble	Solid	DI Leach	
880-31826-22	S-16 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-23	S-16 (1.5')	Soluble	Solid	DI Leach	
880-31826-24	S-16 (2.0')	Soluble	Solid	DI Leach	
880-31826-25	S-17 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-26	S-17 (1.5')	Soluble	Solid	DI Leach	
880-31826-27	S-17 (2.0')	Soluble	Solid	DI Leach	
880-31826-28	S-18 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-59727/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59727/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59727/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31826-9 MS	S-9 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-9 MSD	S-9 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-19 MS	S-15 (1.5')	Soluble	Solid	DI Leach	
880-31826-19 MSD	S-15 (1.5')	Soluble	Solid	DI Leach	

Leach Batch: 59728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-2	S-2 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-3	S-3 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-4	S-4 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-5	S-5 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-6	S-6 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-7	S-7 (0-1.0')	Soluble	Solid	DI Leach	
880-31826-8	S-8 (0-1.0')	Soluble	Solid	DI Leach	
MB 880-59728/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59728/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59728/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31825-A-7-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-31825-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 59734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-29	S-18 (1.5')	Soluble	Solid	DI Leach	
880-31826-30	S-18 (2.0')	Soluble	Solid	DI Leach	
MB 880-59734/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59734/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59734/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31824-A-7-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-31824-A-7-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 59752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-29	S-18 (1.5')	Soluble	Solid	300.0	59734
880-31826-30	S-18 (2.0')	Soluble	Solid	300.0	59734
MB 880-59734/1-A	Method Blank	Soluble	Solid	300.0	59734

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Analysis Batch: 59752 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-59734/2-A	Lab Control Sample	Soluble	Solid	300.0	59734
LCSD 880-59734/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59734
880-31824-A-7-C MS	Matrix Spike	Soluble	Solid	300.0	59734
880-31824-A-7-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	59734

Analysis Batch: 59863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-9	S-9 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-10	S-10 (0-0.5')	Soluble	Solid	300.0	59727
880-31826-11	S-11 (0-0.5')	Soluble	Solid	300.0	59727
880-31826-12	S-12 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-13	S-13 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-14	S-13 (1.5')	Soluble	Solid	300.0	59727
880-31826-15	S-13 (2.0')	Soluble	Solid	300.0	59727
880-31826-16	S-13 (3.0')	Soluble	Solid	300.0	59727
880-31826-17	S-14 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-18	S-15 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-19	S-15 (1.5')	Soluble	Solid	300.0	59727
880-31826-20	S-15 (2.0')	Soluble	Solid	300.0	59727
880-31826-21	S-15 (3.0')	Soluble	Solid	300.0	59727
880-31826-22	S-16 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-23	S-16 (1.5')	Soluble	Solid	300.0	59727
880-31826-24	S-16 (2.0')	Soluble	Solid	300.0	59727
880-31826-25	S-17 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-26	S-17 (1.5')	Soluble	Solid	300.0	59727
880-31826-27	S-17 (2.0')	Soluble	Solid	300.0	59727
880-31826-28	S-18 (0-1.0')	Soluble	Solid	300.0	59727
MB 880-59727/1-A	Method Blank	Soluble	Solid	300.0	59727
LCS 880-59727/2-A	Lab Control Sample	Soluble	Solid	300.0	59727
LCSD 880-59727/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59727
880-31826-9 MS	S-9 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-9 MSD	S-9 (0-1.0')	Soluble	Solid	300.0	59727
880-31826-19 MS	S-15 (1.5')	Soluble	Solid	300.0	59727
880-31826-19 MSD	S-15 (1.5')	Soluble	Solid	300.0	59727

Analysis Batch: 59864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31826-1	S-1 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-2	S-2 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-3	S-3 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-4	S-4 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-5	S-5 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-6	S-6 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-7	S-7 (0-1.0')	Soluble	Solid	300.0	59728
880-31826-8	S-8 (0-1.0')	Soluble	Solid	300.0	59728
MB 880-59728/1-A	Method Blank	Soluble	Solid	300.0	59728
LCS 880-59728/2-A	Lab Control Sample	Soluble	Solid	300.0	59728
LCSD 880-59728/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59728
880-31825-A-7-B MS	Matrix Spike	Soluble	Solid	300.0	59728
880-31825-A-7-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	59728

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Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-1 (0-1.0')

Lab Sample ID: 880-31826-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 17:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 01:34	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		5			59864	08/10/23 17:44	CH	EET MID

Client Sample ID: S-2 (0-1.0')

Lab Sample ID: 880-31826-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 17:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 01:57	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		5			59864	08/10/23 18:05	CH	EET MID

Client Sample ID: S-3 (0-1.0')

Lab Sample ID: 880-31826-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 18:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 02:20	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		10			59864	08/10/23 18:12	CH	EET MID

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-31826-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 18:27	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-4 (0-1.0')

Lab Sample ID: 880-31826-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 02:42	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		5			59864	08/10/23 18:19	CH	EET MID

Client Sample ID: S-5 (0-1.0')

Lab Sample ID: 880-31826-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 18:48	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 03:05	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		10			59864	08/10/23 18:26	CH	EET MID

Client Sample ID: S-6 (0-1.0')

Lab Sample ID: 880-31826-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 19:08	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 03:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		10			59864	08/10/23 18:34	CH	EET MID

Client Sample ID: S-7 (0-1.0')

Lab Sample ID: 880-31826-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 19:29	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.10 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 03:50	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-7 (0-1.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		5			59864	08/10/23 18:41	CH	EET MID

Client Sample ID: S-8 (0-1.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-8
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			4.98 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 19:49	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 04:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		5			59864	08/10/23 18:48	CH	EET MID

Client Sample ID: S-9 (0-1.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 20:10	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 04:35	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 12:20	CH	EET MID

Client Sample ID: S-10 (0-0.5')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-10
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			4.95 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 20:30	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	59785	08/09/23 16:40	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/12/23 04:56	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 12:36	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-11 (0-0.5')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 21:53	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.95 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 20:39	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 12:42	CH	EET MID

Client Sample ID: S-12 (0-1.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-12
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			4.99 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 22:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 21:46	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		20			59863	08/10/23 12:48	CH	EET MID

Client Sample ID: S-13 (0-1.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-13
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			5.02 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 22:34	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 22:09	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 12:53	CH	EET MID

Client Sample ID: S-13 (1.5')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-14
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			5.05 g	5 mL	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 22:55	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-13 (1.5')

Lab Sample ID: 880-31826-14

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 22:32	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 13:10	CH	EET MID

Client Sample ID: S-13 (2.0')

Lab Sample ID: 880-31826-15

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 23:15	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 22:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 13:16	CH	EET MID

Client Sample ID: S-13 (3.0')

Lab Sample ID: 880-31826-16

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 23:36	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 23:17	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 13:22	CH	EET MID

Client Sample ID: S-14 (0-1.0')

Lab Sample ID: 880-31826-17

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/10/23 23:56	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/11/23 23:40	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-14 (0-1.0')**Lab Sample ID: 880-31826-17****Date Collected: 08/07/23 00:00****Matrix: Solid****Date Received: 08/09/23 09:00**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 13:28	CH	EET MID

Client Sample ID: S-15 (0-1.0')**Lab Sample ID: 880-31826-18****Date Collected: 08/07/23 00:00****Matrix: Solid****Date Received: 08/09/23 09:00**

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 00:17	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 00:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 13:33	CH	EET MID

Client Sample ID: S-15 (1.5')**Lab Sample ID: 880-31826-19****Date Collected: 08/07/23 00:00****Matrix: Solid****Date Received: 08/09/23 09:00**

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 00:37	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.94 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 00:26	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 13:39	CH	EET MID

Client Sample ID: S-15 (2.0')**Lab Sample ID: 880-31826-20****Date Collected: 08/07/23 00:00****Matrix: Solid****Date Received: 08/09/23 09:00**

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	59833	08/10/23 09:33	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 00:58	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 00:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 13:56	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-15 (3.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 06:45	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 01:34	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 14:01	CH	EET MID

Client Sample ID: S-16 (0-1.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-22
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 07:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 01:57	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 14:18	CH	EET MID

Client Sample ID: S-16 (1.5')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 09:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 02:20	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 14:24	CH	EET MID

Client Sample ID: S-16 (2.0')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31826-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 09:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-16 (2.0')

Lab Sample ID: 880-31826-24

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 02:42	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 14:30	CH	EET MID

Client Sample ID: S-17 (0-1.0')

Lab Sample ID: 880-31826-25

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 10:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 03:05	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 14:35	CH	EET MID

Client Sample ID: S-17 (1.5')

Lab Sample ID: 880-31826-26

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 10:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.92 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 03:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		10			59863	08/10/23 14:41	CH	EET MID

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 10:45	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 14:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 03:50	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

Client Sample ID: S-17 (2.0')

Lab Sample ID: 880-31826-27

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.99 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 14:47	CH	EET MID

Client Sample ID: S-18 (0-1.0')

Lab Sample ID: 880-31826-28

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 11:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 14:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 04:13	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59727	08/09/23 09:38	KS	EET MID
Soluble	Analysis	300.0		5			59863	08/10/23 14:52	CH	EET MID

Client Sample ID: S-18 (1.5')

Lab Sample ID: 880-31826-29

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 11:26	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 14:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 04:35	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59734	08/09/23 09:50	KS	EET MID
Soluble	Analysis	300.0		1			59752	08/10/23 02:00	CH	EET MID

Client Sample ID: S-18 (2.0')

Lab Sample ID: 880-31826-30

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 11:47	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59935	08/11/23 14:31	SM	EET MID
Total/NA	Analysis	8015 NM		1			60195	08/14/23 17:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	59849	08/10/23 11:20	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59899	08/12/23 04:56	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	59734	08/09/23 09:50	KS	EET MID
Soluble	Analysis	300.0		1			59752	08/10/23 02:05	CH	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy County, New Mexico

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

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Accreditation/Certification Summary

Client: Carmona Resources

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy 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	T104704400-23-26	06-30-24

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Eurofins Midland

Method Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31826-1
SDG: Eddy 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

Job ID: 880-31826-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

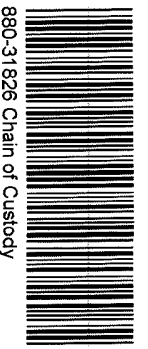
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-31826-1	S-1 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-2	S-2 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-3	S-3 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-4	S-4 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-5	S-5 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-6	S-6 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-7	S-7 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-8	S-8 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-9	S-9 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-10	S-10 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-11	S-11 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-12	S-12 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-13	S-13 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-14	S-13 (1.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-15	S-13 (2.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-16	S-13 (3.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-17	S-14 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-18	S-15 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-19	S-15 (1.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-20	S-15 (2.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-21	S-15 (3.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-22	S-16 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-23	S-16 (1.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-24	S-16 (2.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-25	S-17 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-26	S-17 (1.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-27	S-17 (2.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-28	S-18 (0-1.0')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-29	S-18 (1.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31826-30	S-18 (2.0')	Solid	08/07/23 00:00	08/09/23 09:00

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Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State Zip	Midland, TX 79701	City, State Zip	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd_Wells@eogresources.com

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



880-31826 Chain of Custody

Page 1 of 3

Project Name		Deep Elm AST Spill (Pipeline Road)		Turn Around		ANALYSIS REQUEST												Preservative Codes	
Project Number	2109	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	Parameters													None NO	DI Water H ₂ O	
Project Location	Eddy County, New Mexico	Due Date	72 Hours														Cool Cool	MeOH Me	
Sampler's Name	GPJ / JR																HCL HC	HNO ₃ HN	
PO #:																	H ₂ SO ₄ H ₂	NaOH Na	
SAMPLE RECEIPT		Temp Blank	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Well Ice	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>													H ₃ PO ₄ HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID		Correction Factor	-30													NaHSO ₄ NABIS	
Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading	-13	Corrected Temperature	-13.3													Na ₂ S ₂ O ₃ NaSO ₃	
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																	Zn Acetate+NaOH Zn	
Total Containers																		NaOH+Ascorbic Acid SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
S-1 (0-1.0')		8/7/2023		X		G	1	X	X	X									
S-2 (0-1.0')		8/7/2023		X		G	1	X	X	X									
S-3 (0-1.0')		8/7/2023		X		G	1	X	X	X									
S-4 (0-0.5')		8/7/2023		X		G	1	X	X	X									
S-5 (0-0.5')		8/7/2023		X		G	1	X	X	X									
S-6 (0-0.5')		8/7/2023		X		G	1	X	X	X									
S-7 (0-0.5')		8/7/2023		X		G	1	X	X	X									
S-8 (0-1.0')		8/7/2023		X		G	1	X	X	X									
S-9 (0-1.0')		8/7/2023		X		G	1	X	X	X									
S-10 (0-0.5')		8/7/2023		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
	8/9 9:00		

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmoma Resources	Company Name	EOG Resources
Address	310 W Wall St, Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, TX 79706
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

Work Order Comments

Program: ☐ UST/ST ☐ RRP ☐ Brownfields ☐ RC ☐ ☐ perfund ☐

State of Project:



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

Deliverables EDD ☐ ADAPT ☐ Other ☐

Work Order No: 31826

ANALYSIS REQUEST																
		Turn Around		Preservative Codes												
Project Name	Deep Elm AST Spill (Pipeline Road)			Pris. Code												
Project Number	2109	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush													
Project Location	Eddy County, New Mexico	Due Date	72 Hours													
Sampler's Name	G P J / JR															
P.C.#:																
SAMPLE RECEIPT																
Received Intact.	Temp Blank.	Yes No	Yes No	Thermometer ID	Well Ice	Yes No										
Cooler Custody Seals.	Yes No N/A	N/A	Correction Factor													
Sample Custody Seals	Yes No N/A	N/A	Temperature Reading													
Total Containers				Corrected Temperature												
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters								
S-11 (-0-0'5")	8/7/2023		X		G	1	X	BTEX 8021B	X	X	X	X				
S-12 (-0-1'0")	8/7/2023		X		G	1	X	TPH TX 1005 (Ext to C35) 8015	X	X	X	X				
S-13 (-0-1'0")	8/7/2023		X		G	1	X	Chloride 300.0	X	X	X	X				
S-13 (1'5")	8/7/2023		X		G	1	X		X	X	X	X				
S-13 (2'0")	8/7/2023		X		G	1	X		X	X	X	X				
S-13 (3'0")	8/7/2023		X		G	1	X		X	X	X	X				
S-14 (-0-1'0")	8/7/2023		X		G	1	X		X	X	X	X				
S-15 (-0-1'0")	8/7/2023		X		G	1	X		X	X	X	X				
S-15 (1'5")	8/7/2023		X		G	1	X		X	X	X	X				
S-15 (2'0")	8/7/2023		X		G	1	X		X	X	X	X				
Sample Comments																
								None NO DI Water H ₂ O Cool Cool MeOH Me HCL HC HNO ₃ HN H ₂ SO ₄ H ₂ NaOH Na H ₃ PO ₄ HP NaHSO ₄ NABIS Na ₂ S ₂ O ₃ NaSO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC								

Comments. Email to Mike Carrmona / Mcarrmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	8/9 9:00		

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Loc: 880
Work Order No 31826


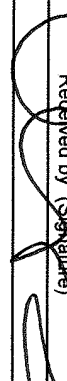
Page 3 of 3

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Tx 79706
Phone	(432) 813-6823	Email	Todd.Wells@eogresources.com

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

Project Name				Deep Elm AST Spill (Pipeline Road)				Turn Around				Pres. Code	ANALYSIS REQUEST												Preservative Codes						
Project Number		2109		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																				None NO		DI Water H ₂ O					
Project Location		Eddy County, New Mexico		Due Date		72 Hours																		Cool Cool		MeOH Me					
Sampler's Name		GPJ / JR																						HCL HC		HNO ₃ HN					
PO #																								H ₂ SO ₄ H ₂		NaOH Na					
SAMPLE RECEIPT		Temp Blank		Yes No		Thermometer ID				Well Ice		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 S APC							
Sample Identification				Date		Time		Soil		Water		Grab/ Comp		# of Cont														Sample Comments			
S-15 (3.0')				8/7/2023				X				G		1		X X X X															
S-16 (0-1.0')				8/7/2023				X				G		1		X X X X															
S-16 (1.5')				8/7/2023				X				G		1		X X X X															
S-16 (2.0')				8/7/2023				X				G		1		X X X X															
S-17 (0-1.0')				8/7/2023				X				G		1		X X X X															
S-17 (1.5')				8/7/2023				X				G		1		X X X X															
S-17 (2.0')				8/7/2023				X				G		1		X X X X															
S-18 (0-1.0')				8/7/2023				X				G		1		X X X X															
S-18 (1.5')				8/7/2023				X				G		1		X X X X															
S-18 (2.0')				8/7/2023				X				G		1		X X X X															

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

Relinquished by (Signature)	Date/Time	Received by (Signature)	Date/Time
	8/9 9:00		

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-31826-1

SDG Number: Eddy County, New Mexico

Login Number: 31826

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 8/14/2023 9:29:16 PM

JOB DESCRIPTION

Deep Elm AST Spill (Pipeline Road)
SDG NUMBER Eddy County, New Mexico

JOB NUMBER

880-31825-1

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



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8/14/2023 9:29:16 PM

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

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Laboratory Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	12
QC Sample Results	13
QC Association Summary	17
Lab Chronicle	20
Certification Summary	23
Method Summary	24
Sample Summary	25
Chain of Custody	26
Receipt Checklists	27

1

2

3

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5

6

7

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12

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14

Definitions/Glossary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Job ID: 880-31825-1

Laboratory: Eurofins Midland

Narrative**Job Narrative
880-31825-1****Receipt**

The samples were received on 8/9/2023 9:00 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 -13.3°C

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: H-1 (0-0.5') (880-31825-1), H-2 (0-0.5') (880-31825-2), H-3 (0-0.5') (880-31825-3), H-4 (0-0.5') (880-31825-4), H-5 (0-0.5') (880-31825-5), H-6 (0-0.5') (880-31825-6), H-7 (0-0.5') (880-31825-7) and H-8 (0-0.5') (880-31825-8).

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: H-2 (0-0.5') (880-31825-2) and H-6 (0-0.5') (880-31825-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (MB 880-59852/5-A). Evidence of matrix interferences is not obvious.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-59869 recovered below the lower control limit for Benzene, Toluene and Ethylbenzene. An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is impacted: (CCV 880-59869/33).

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

GC Semi VOA

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-59848 and analytical batch 880-59901 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (CCV 880-59901/20), (CCV 880-59901/31), (CCV 880-59901/5), (LCS 880-59848/2-A) and (LCSD 880-59848/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: H-1 (0-0.5') (880-31825-1), H-4 (0-0.5') (880-31825-4) and (880-31432-A-4-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-59728 and analytical batch 880-59864 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.

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 04:02	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 04:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 04:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 04:02	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 04:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 04:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				08/10/23 11:41	08/11/23 04:02	1
1,4-Difluorobenzene (Surr)	79		70 - 130				08/10/23 11:41	08/11/23 04:02	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	64.4		50.2		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2		mg/Kg		08/10/23 11:15	08/11/23 14:15	1
Diesel Range Organics (Over C10-C28)	64.4		50.2		mg/Kg		08/10/23 11:15	08/11/23 14:15	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2		mg/Kg		08/10/23 11:15	08/11/23 14:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	132	S1+	70 - 130				08/10/23 11:15	08/11/23 14:15	1
o-Terphenyl	150	S1+	70 - 130				08/10/23 11:15	08/11/23 14:15	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.1		5.03		mg/Kg			08/10/23 16:18	1

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-31825-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 04:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 04:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 04:22	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/10/23 11:41	08/11/23 04:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/10/23 11:41	08/11/23 04:22	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/10/23 11:41	08/11/23 04:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				08/10/23 11:41	08/11/23 04:22	1
1,4-Difluorobenzene (Surr)	64	S1-	70 - 130				08/10/23 11:41	08/11/23 04:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-31825-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1		mg/Kg		08/10/23 11:15	08/11/23 14:37	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1		mg/Kg		08/10/23 11:15	08/11/23 14:37	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1		mg/Kg		08/10/23 11:15	08/11/23 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130				08/10/23 11:15	08/11/23 14:37	1
o-Terphenyl	129		70 - 130				08/10/23 11:15	08/11/23 14:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.9		5.02		mg/Kg			08/10/23 16:39	1

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

Lab Sample ID: 880-31825-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 04:42	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 04:42	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 04:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/10/23 11:41	08/11/23 04:42	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 04:42	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/10/23 11:41	08/11/23 04:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				08/10/23 11:41	08/11/23 04:42	1
1,4-Difluorobenzene (Surr)	80		70 - 130				08/10/23 11:41	08/11/23 04:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/10/23 11:15	08/11/23 15:22	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/10/23 11:15	08/11/23 15:22	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/10/23 11:15	08/11/23 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130				08/10/23 11:15	08/11/23 15:22	1
o-Terphenyl	120		70 - 130				08/10/23 11:15	08/11/23 15:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.2		5.00		mg/Kg			08/10/23 16:47	1

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

Lab Sample ID: 880-31825-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/10/23 11:41	08/11/23 05:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/10/23 11:41	08/11/23 05:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	77		70 - 130				08/10/23 11:41	08/11/23 05:03	1
1,4-Difluorobenzene (Surr)	73		70 - 130				08/10/23 11:41	08/11/23 05:03	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/10/23 11:15	08/11/23 15:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/23 11:15	08/11/23 15:45	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/23 11:15	08/11/23 15:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	131	S1+	70 - 130				08/10/23 11:15	08/11/23 15:45	1
o-Terphenyl	137	S1+	70 - 130				08/10/23 11:15	08/11/23 15:45	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.1		4.98		mg/Kg			08/10/23 16:54	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-31825-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 05:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 05:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 05:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/10/23 11:41	08/11/23 05:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/10/23 11:41	08/11/23 05:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/10/23 11:41	08/11/23 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	08/10/23 11:41	08/11/23 05:23	1
1,4-Difluorobenzene (Surr)	72		70 - 130	08/10/23 11:41	08/11/23 05:23	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/10/23 11:15	08/11/23 16:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/23 11:15	08/11/23 16:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/23 11:15	08/11/23 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	08/10/23 11:15	08/11/23 16:08	1
o-Terphenyl	122		70 - 130	08/10/23 11:15	08/11/23 16:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.1		4.96		mg/Kg			08/10/23 17:01	1

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-31825-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:44	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/10/23 11:41	08/11/23 05:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 05:44	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/10/23 11:41	08/11/23 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/10/23 11:41	08/11/23 05:44	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130	08/10/23 11:41	08/11/23 05:44	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-31825-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.6	U	49.6		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.6	U	49.6		mg/Kg		08/10/23 11:15	08/11/23 16:30	1
Diesel Range Organics (Over C10-C28)	<49.6	U	49.6		mg/Kg		08/10/23 11:15	08/11/23 16:30	1
Oil Range Organics (Over C28-C36)	<49.6	U	49.6		mg/Kg		08/10/23 11:15	08/11/23 16:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130				08/10/23 11:15	08/11/23 16:30	1
o-Terphenyl	115		70 - 130				08/10/23 11:15	08/11/23 16:30	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.7		5.02		mg/Kg			08/10/23 17:08	1

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 06:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 06:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 06:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 06:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/10/23 11:41	08/11/23 06:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/10/23 11:41	08/11/23 06:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130				08/10/23 11:41	08/11/23 06:04	1
1,4-Difluorobenzene (Surr)	74		70 - 130				08/10/23 11:41	08/11/23 06:04	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.7	U	49.7		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7		mg/Kg		08/10/23 11:15	08/11/23 16:53	1
Diesel Range Organics (Over C10-C28)	<49.7	U	49.7		mg/Kg		08/10/23 11:15	08/11/23 16:53	1

Eurofins Midland

Client Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.7	U	49.7		mg/Kg		08/10/23 11:15	08/11/23 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130				08/10/23 11:15	08/11/23 16:53	1
o-Terphenyl	115		70 - 130				08/10/23 11:15	08/11/23 16:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.8	F1	5.05		mg/Kg			08/10/23 17:15	1

Client Sample ID: H-8 (0-0.5')

Lab Sample ID: 880-31825-8

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 06:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 06:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 06:25	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		08/10/23 11:41	08/11/23 06:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/10/23 11:41	08/11/23 06:25	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		08/10/23 11:41	08/11/23 06:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130				08/10/23 11:41	08/11/23 06:25	1
1,4-Difluorobenzene (Surr)	74		70 - 130				08/10/23 11:41	08/11/23 06:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			08/11/23 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/14/23 22:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/10/23 11:15	08/11/23 17:16	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/10/23 11:15	08/11/23 17:16	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/10/23 11:15	08/11/23 17:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/10/23 11:15	08/11/23 17:16	1
o-Terphenyl	97		70 - 130				08/10/23 11:15	08/11/23 17:16	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.7		4.99		mg/Kg			08/10/23 17:36	1

Eurofins Midland

Surrogate Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy 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)
880-31825-1	H-1 (0-0.5')	79	79
880-31825-1 MS	H-1 (0-0.5')	121	118
880-31825-1 MSD	H-1 (0-0.5')	122	111
880-31825-2	H-2 (0-0.5')	77	64 S1-
880-31825-3	H-3 (0-0.5')	81	80
880-31825-4	H-4 (0-0.5')	77	73
880-31825-5	H-5 (0-0.5')	76	72
880-31825-6	H-6 (0-0.5')	92	57 S1-
880-31825-7	H-7 (0-0.5')	119	74
880-31825-8	H-8 (0-0.5')	107	74
LCS 880-59852/1-A	Lab Control Sample	125	113
LCSD 880-59852/2-A	Lab Control Sample Dup	129	116
MB 880-59833/5-A	Method Blank	71	97
MB 880-59852/5-A	Method Blank	69 S1-	83
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)
880-31432-A-4-E MS	Matrix Spike	126	132 S1+
880-31432-A-4-F MSD	Matrix Spike Duplicate	117	121
880-31825-1	H-1 (0-0.5')	132 S1+	150 S1+
880-31825-2	H-2 (0-0.5')	114	129
880-31825-3	H-3 (0-0.5')	109	120
880-31825-4	H-4 (0-0.5')	131 S1+	137 S1+
880-31825-5	H-5 (0-0.5')	116	122
880-31825-6	H-6 (0-0.5')	104	115
880-31825-7	H-7 (0-0.5')	105	115
880-31825-8	H-8 (0-0.5')	90	97
LCS 880-59848/2-A	Lab Control Sample	121	155 S1+
LCSD 880-59848/3-A	Lab Control Sample Dup	123	156 S1+
MB 880-59848/1-A	Method Blank	107	132 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Midland

QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-59833/5-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59833

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 09:33	08/10/23 17:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 09:33	08/10/23 17:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	71		70 - 130	08/10/23 09:33	08/10/23 17:04	1
1,4-Difluorobenzene (Surr)	97		70 - 130	08/10/23 09:33	08/10/23 17:04	1

Lab Sample ID: MB 880-59852/5-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59852

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/10/23 11:41	08/11/23 03:40	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/10/23 11:41	08/11/23 03:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	08/10/23 11:41	08/11/23 03:40	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/10/23 11:41	08/11/23 03:40	1

Lab Sample ID: LCS 880-59852/1-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09269		mg/Kg		93	70 - 130
Toluene	0.100	0.1027		mg/Kg		103	70 - 130
Ethylbenzene	0.100	0.1049		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	0.200	0.2341		mg/Kg		117	70 - 130
o-Xylene	0.100	0.1157		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: LCSD 880-59852/2-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09315		mg/Kg		93	70 - 130	0	35

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: LCSD 880-59852/2-A

Matrix: Solid

Analysis Batch: 59869

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1021		mg/Kg		102	70 - 130	1	35
Ethylbenzene	0.100	0.1065		mg/Kg		106	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2378		mg/Kg		119	70 - 130	2	35
o-Xylene	0.100	0.1178		mg/Kg		118	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-31825-1 MS

Matrix: Solid

Analysis Batch: 59869

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

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.0996	0.08755		mg/Kg		87	70 - 130
Toluene	<0.00199	U	0.0996	0.08692		mg/Kg		87	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08582		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1787		mg/Kg		89	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08562		mg/Kg		86	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-31825-1 MSD

Matrix: Solid

Analysis Batch: 59869

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

Prep Type: Total/NA

Prep Batch: 59852

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.101	0.09473		mg/Kg		93	70 - 130	8	35
Toluene	<0.00199	U	0.101	0.09766		mg/Kg		97	70 - 130	12	35
Ethylbenzene	<0.00199	U	0.101	0.09844		mg/Kg		98	70 - 130	14	35
m-Xylene & p-Xylene	<0.00398	U	0.202	0.1972		mg/Kg		97	70 - 130	10	35
o-Xylene	<0.00199	U	0.101	0.09325		mg/Kg		92	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	122		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

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

Lab Sample ID: MB 880-59848/1-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/10/23 11:15	08/11/23 07:45	1

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: MB 880-59848/1-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 59848

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/10/23 11:15	08/11/23 07:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/10/23 11:15	08/11/23 07:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130				08/10/23 11:15	08/11/23 07:45	1
o-Terphenyl	132	S1+	70 - 130				08/10/23 11:15	08/11/23 07:45	1

Lab Sample ID: LCS 880-59848/2-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 59848

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1072		mg/Kg		107	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1077		mg/Kg		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	121		70 - 130				
o-Terphenyl	155	S1+	70 - 130				

Lab Sample ID: LCSD 880-59848/3-A

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 59848

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1016		mg/Kg		102	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1071		mg/Kg		107	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	123		70 - 130						
o-Terphenyl	156	S1+	70 - 130						

Lab Sample ID: 880-31432-A-4-E MS

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 59848

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	991	1061		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	89.0		991	1146		mg/Kg		107	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	126		70 - 130						
o-Terphenyl	132	S1+	70 - 130						

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QC Sample Results

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31432-A-4-F MSD

Matrix: Solid

Analysis Batch: 59901

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 59848

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	1010	1021		mg/Kg		97	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	89.0		1010	1085		mg/Kg		99	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	117		70 - 130								
o-Terphenyl	121		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-59728/1-A

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/10/23 15:13	1

Lab Sample ID: LCS 880-59728/2-A

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	269.7		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-59728/3-A

Matrix: Solid

Analysis Batch: 59864

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	272.6		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-31825-7 MS

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: H-7 (0-0.5')

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	36.8	F1	253	328.6	F1	mg/Kg		116	90 - 110

Lab Sample ID: 880-31825-7 MSD

Matrix: Solid

Analysis Batch: 59864

Client Sample ID: H-7 (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	36.8	F1	253	328.1	F1	mg/Kg		115	90 - 110	0	20

Eurofins Midland

QC Association Summary

Client: Carmona Resources

Job ID: 880-31825-1

Project/Site: Deep Elm AST Spill (Pipeline Road)

SDG: Eddy County, New Mexico

GC VOA

Prep Batch: 59833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-59833/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 59852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Total/NA	Solid	5035	
880-31825-2	H-2 (0-0.5')	Total/NA	Solid	5035	
880-31825-3	H-3 (0-0.5')	Total/NA	Solid	5035	
880-31825-4	H-4 (0-0.5')	Total/NA	Solid	5035	
880-31825-5	H-5 (0-0.5')	Total/NA	Solid	5035	
880-31825-6	H-6 (0-0.5')	Total/NA	Solid	5035	
880-31825-7	H-7 (0-0.5')	Total/NA	Solid	5035	
880-31825-8	H-8 (0-0.5')	Total/NA	Solid	5035	
MB 880-59852/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-59852/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-59852/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-31825-1 MS	H-1 (0-0.5')	Total/NA	Solid	5035	
880-31825-1 MSD	H-1 (0-0.5')	Total/NA	Solid	5035	

Analysis Batch: 59869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-2	H-2 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-3	H-3 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-4	H-4 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-5	H-5 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-6	H-6 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-7	H-7 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-8	H-8 (0-0.5')	Total/NA	Solid	8021B	59852
MB 880-59833/5-A	Method Blank	Total/NA	Solid	8021B	59833
MB 880-59852/5-A	Method Blank	Total/NA	Solid	8021B	59852
LCS 880-59852/1-A	Lab Control Sample	Total/NA	Solid	8021B	59852
LCSD 880-59852/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	59852
880-31825-1 MS	H-1 (0-0.5')	Total/NA	Solid	8021B	59852
880-31825-1 MSD	H-1 (0-0.5')	Total/NA	Solid	8021B	59852

Analysis Batch: 59936

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-2	H-2 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-3	H-3 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-4	H-4 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-5	H-5 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-6	H-6 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-7	H-7 (0-0.5')	Total/NA	Solid	Total BTEX	
880-31825-8	H-8 (0-0.5')	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 59848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

GC Semi VOA (Continued)

Prep Batch: 59848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-2	H-2 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31825-3	H-3 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31825-4	H-4 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31825-5	H-5 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31825-6	H-6 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31825-7	H-7 (0-0.5')	Total/NA	Solid	8015NM Prep	
880-31825-8	H-8 (0-0.5')	Total/NA	Solid	8015NM Prep	
MB 880-59848/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-59848/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-59848/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-31432-A-4-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-31432-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 59901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-2	H-2 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-3	H-3 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-4	H-4 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-5	H-5 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-6	H-6 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-7	H-7 (0-0.5')	Total/NA	Solid	8015B NM	59848
880-31825-8	H-8 (0-0.5')	Total/NA	Solid	8015B NM	59848
MB 880-59848/1-A	Method Blank	Total/NA	Solid	8015B NM	59848
LCS 880-59848/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	59848
LCSD 880-59848/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	59848
880-31432-A-4-E MS	Matrix Spike	Total/NA	Solid	8015B NM	59848
880-31432-A-4-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	59848

Analysis Batch: 60225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-2	H-2 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-3	H-3 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-4	H-4 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-5	H-5 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-6	H-6 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-7	H-7 (0-0.5')	Total/NA	Solid	8015 NM	
880-31825-8	H-8 (0-0.5')	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 59728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-2	H-2 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-3	H-3 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-4	H-4 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-5	H-5 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-6	H-6 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-7	H-7 (0-0.5')	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

HPLC/IC (Continued)

Leach Batch: 59728 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-8	H-8 (0-0.5')	Soluble	Solid	DI Leach	
MB 880-59728/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-59728/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-59728/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-31825-7 MS	H-7 (0-0.5')	Soluble	Solid	DI Leach	
880-31825-7 MSD	H-7 (0-0.5')	Soluble	Solid	DI Leach	

Analysis Batch: 59864

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-31825-1	H-1 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-2	H-2 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-3	H-3 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-4	H-4 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-5	H-5 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-6	H-6 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-7	H-7 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-8	H-8 (0-0.5')	Soluble	Solid	300.0	59728
MB 880-59728/1-A	Method Blank	Soluble	Solid	300.0	59728
LCS 880-59728/2-A	Lab Control Sample	Soluble	Solid	300.0	59728
LCSD 880-59728/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	59728
880-31825-7 MS	H-7 (0-0.5')	Soluble	Solid	300.0	59728
880-31825-7 MSD	H-7 (0-0.5')	Soluble	Solid	300.0	59728

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-1

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 04:02	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.96 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 14:15	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 16:18	CH	EET MID

Client Sample ID: H-2 (0-0.5')

Lab Sample ID: 880-31825-2

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 04:22	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 14:37	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 16:39	CH	EET MID

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

Lab Sample ID: 880-31825-3

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 04:42	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.08 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 15:22	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 16:47	CH	EET MID

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

Lab Sample ID: 880-31825-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 05:03	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

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

Lab Sample ID: 880-31825-4

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 15:45	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 16:54	CH	EET MID

Client Sample ID: H-5 (0-0.5')

Lab Sample ID: 880-31825-5

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 05:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 16:08	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 17:01	CH	EET MID

Client Sample ID: H-6 (0-0.5')

Lab Sample ID: 880-31825-6

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 05:44	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.09 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 16:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 17:08	CH	EET MID

Client Sample ID: H-7 (0-0.5')

Lab Sample ID: 880-31825-7

Date Collected: 08/07/23 00:00

Matrix: Solid

Date Received: 08/09/23 09:00

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	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 06:04	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.07 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 16:53	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Client Sample ID: H-7 (0-0.5')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31825-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			4.95 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 17:15	CH	EET MID

Client Sample ID: H-8 (0-0.5')
Date Collected: 08/07/23 00:00
Date Received: 08/09/23 09:00

Lab Sample ID: 880-31825-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	59852	08/10/23 11:41	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	59869	08/11/23 06:25	SM	EET MID
Total/NA	Analysis	Total BTEX		1			59936	08/11/23 11:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			60225	08/14/23 22:22	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	59848	08/10/23 11:15	TKC	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	59901	08/11/23 17:16	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	59728	08/09/23 09:40	KS	EET MID
Soluble	Analysis	300.0		1			59864	08/10/23 17:36	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: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy 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	T104704400-23-26	06-30-24

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

Analysis Method	Prep Method	Matrix	Analyte
300.0		Solid	Chloride
8015 NM		Solid	Total TPH
8015B NM	8015NM Prep	Solid	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Prep	Solid	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Prep	Solid	Oil Range Organics (Over C28-C36)
8021B	5035	Solid	Benzene
8021B	5035	Solid	Ethylbenzene
8021B	5035	Solid	m-Xylene & p-Xylene
8021B	5035	Solid	o-Xylene
8021B	5035	Solid	Toluene
8021B	5035	Solid	Xylenes, Total
Total BTEX		Solid	Total BTEX

Method Summary

Client: Carmona Resources
Project/Site: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy 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: Deep Elm AST Spill (Pipeline Road)

Job ID: 880-31825-1
SDG: Eddy County, New Mexico

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-31825-1	H-1 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-2	H-2 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-3	H-3 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-4	H-4 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-5	H-5 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-6	H-6 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-7	H-7 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00
880-31825-8	H-8 (0-0.5')	Solid	08/07/23 00:00	08/09/23 09:00



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- 14

Project Manager	Conner Moehring	Bill to (if different)	Todd Wells
Company Name	Carmona Resources	Company Name	EOG Resources
Address	310 W Wall St Ste 500	Address	5509 Champions Dr
City, State ZIP	Midland, TX 79701	City, State ZIP	Midland, Tx 79706
Phone	(432) 813-6823	Email	Todd Wells@eogresources.com

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



880-31825 Chain of Custody

Page 1 of 1

Project Name	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number	2109																None NO DI Water H ₂ O			
Project Location	Eddy County, New Mexico	Due Date	72 Hours														Cool Cool MeOH Me			
Sampler's Name	GPJ / JR																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')	8/7/2023		X		G	1	X	X	X											
H-2 (0-0 5')	8/7/2023		X		G	1	X	X	X											
H-3 (0-0 5')	8/7/2023		X		G	1	X	X	X											
H-4 (0-0 5')	8/7/2023		X		G	1	X	X	X											
H-5 (0-0 5')	8/7/2023		X		G	1	X	X	X											
H-6 (0-0 5')	8/7/2023		X		G	1	X	X	X											
H-7 (0-0 5')	8/7/2023		X		G	1	X	X	X											
H-8 (0-0 5')	8/7/2023		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
		8/9 9:00			

Login Sample Receipt Checklist

Client: Carmona Resources

Job Number: 880-31825-1

SDG Number: Eddy County, New Mexico

Login Number: 31825

List Number: 1

List Source: Eurofins Midland

Creator: Rodriguez, Leticia

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



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

October 02, 2023

CONNER MOEHRING

CARMONA RESOURCES

310 W WALL ST SUITE 415

MIDLAND, TX 79701

RE: DEEP ELM AST SPILL (PIPELINE ROAD)

Enclosed are the results of analyses for samples received by the laboratory on 09/27/23 10:59.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (0-1') (H235268-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (1.5') (H235268-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (2.0') (H235268-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (2.5') (H235268-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 1 (3.0') (H235268-05)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (0-1') (H235268-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (1.5') (H235268-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (2.0') (H235268-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/28/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (3.0') (H235268-09)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 68.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 2 (4.0') (H235268-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (0-1') (H235268-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	28000	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	146	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	34.6	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (1.5') (H235268-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (2.0') (H235268-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 3 (2.5') (H235268-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (0-1') (H235268-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15800	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (1.5') (H235268-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3840	16.0	09/28/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (2.0') (H235268-17)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21		
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 4 (2.5') (H235268-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	175	87.5	200	0.263	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	197	98.7	200	6.20	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (0-1') (H235268-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (1.5') (H235268-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.10	105	2.00	2.21	
Toluene*	<0.050	0.050	09/28/2023	ND	2.22	111	2.00	3.92	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.17	109	2.00	3.70	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.17	103	6.00	4.22	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (2.0') (H235268-21)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5120	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (3.0') (H235268-22)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 5 (4.0') (H235268-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (0-1') (H235268-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	93.4	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	33.5	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (1.5') (H235268-25)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4720	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (2.0') (H235268-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1570	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (3.0') (H235268-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/29/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 6 (4.0') (H235268-28)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 73.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (0-1') (H235268-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (1.5') (H235268-30)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	09/29/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (2.0') (H235268-31)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (3.0') (H235268-32)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/29/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 7 (4.0') (H235268-33)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 71.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (0-1') (H235268-34)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2840	16.0	09/29/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (1.5') (H235268-35)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (2.0') (H235268-36)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (3.0') (H235268-37)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	09/28/2023	ND	432	108	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (4.0') (H235268-38)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	0.0108	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	189	94.5	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (5.0') (H235268-39)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87		
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 8 (5.5') (H235268-40)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	2.02	101	2.00	3.87	
Toluene*	<0.050	0.050	09/28/2023	ND	2.08	104	2.00	4.03	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.05	102	2.00	4.50	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.16	103	6.00	4.72	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (0-1') (H235268-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7860	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (1.5') (H235268-42)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (2.0') (H235268-43)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4080	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (3.0') (H235268-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 9 (4.0') (H235268-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (0-1') (H235268-46)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20800	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (1.5') (H235268-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (2.0') (H235268-48)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183	
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (3.0') (H235268-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 10 (4.0') (H235268-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (0-1') (H235268-51)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2480	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (1.5') (H235268-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3800	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (2.0') (H235268-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3440	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (2.5') (H235268-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	09/28/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 11 (3.0') (H235268-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 75.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (0-1') (H235268-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	12000	16.0	09/28/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (1.5') (H235268-57)

BTX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183	
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6130	16.0	09/29/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (2.0') (H235268-58)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183	
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863	
Total BTEx	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1070	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	186	93.0	200	0.278	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	187	93.6	200	2.18	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (3.0') (H235268-59)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 12 (4.0') (H235268-60)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.98	98.9	2.00	0.183		
Toluene*	<0.050	0.050	09/28/2023	ND	2.06	103	2.00	0.580		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.19	109	2.00	0.496		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	6.51	109	6.00	0.863		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (0-1') (H235268-61)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2360	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (1.5') (H235268-62)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4960	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (2.0') (H235268-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4560	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (3.0') (H235268-64)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTX	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (4.0') (H235268-65)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (5.0') (H235268-66)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 13 (6.0') (H235268-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 14 (0-1') (H235268-68)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6960	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 14 (1.5') (H235268-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5840	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 14 (2.0') (H235268-70)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 14 (3.0') (H235268-71)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTX	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 14 (4.0') (H235268-72)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (0-1') (H235268-73)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (1.5') (H235268-74)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82	
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14	
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29	
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62	
Total BTX	<0.300	0.300	09/29/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/29/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (2.0') (H235268-75)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (3.0') (H235268-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1200	16.0	09/29/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (4.0') (H235268-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (5.0') (H235268-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5360	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/29/2023	ND	185	92.3	200	1.54	
DRO >C10-C28*	<10.0	10.0	09/29/2023	ND	208	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	09/29/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 15 (6.0') (H235268-79)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTX	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 16 (0-1') (H235268-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/29/2023	ND	1.93	96.3	2.00	3.82		
Toluene*	<0.050	0.050	09/29/2023	ND	2.03	102	2.00	2.14		
Ethylbenzene*	<0.050	0.050	09/29/2023	ND	2.14	107	2.00	2.29		
Total Xylenes*	<0.150	0.150	09/29/2023	ND	6.35	106	6.00	3.62		
Total BTEx	<0.300	0.300	09/29/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5330	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 16 (1.5') (H235268-81)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4930	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 16 (2.0') (H235268-82)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5060	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 16 (3.0') (H235268-83)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 16 (4.0') (H235268-84)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455	
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182	
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439	
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18	
Total BTX	<0.300	0.300	09/28/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 17 (0-1') (H235268-85)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 17 (1.5') (H235268-86)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 17 (2.0') (H235268-87)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5680	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 17 (3.0') (H235268-88)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 17 (4.0') (H235268-89)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1380	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 17 (5.0') (H235268-90)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTEX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 81.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 18 (0-1') (H235268-91)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 18 (1.5') (H235268-92)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4800	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 18 (2.0') (H235268-93)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5330	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 18 (3.0') (H235268-94)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTEx	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

CARMONA RESOURCES
 CONNER MOEHRING
 310 W WALL ST SUITE 415
 MIDLAND TX, 79701
 Fax To:

Received: 09/27/2023
 Reported: 10/02/2023
 Project Name: DEEP ELM AST SPILL (PIPELINE ROAD)
 Project Number: 2109
 Project Location: EOG - EDDY COUNTY, NEW MEXICO

Sampling Date: 09/26/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: T - 18 (4.0') (H235268-95)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/28/2023	ND	1.95	97.7	2.00	0.455		
Toluene*	<0.050	0.050	09/28/2023	ND	1.94	97.1	2.00	0.182		
Ethylbenzene*	<0.050	0.050	09/28/2023	ND	2.01	101	2.00	0.439		
Total Xylenes*	<0.150	0.150	09/28/2023	ND	5.97	99.5	6.00	1.18		
Total BTX	<0.300	0.300	09/28/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	09/28/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/28/2023	ND	192	96.2	200	3.85	
DRO >C10-C28*	<10.0	10.0	09/28/2023	ND	193	96.7	200	0.419	
EXT DRO >C28-C36	<10.0	10.0	09/28/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

Work Order No: 11935268

Page 1 of 10

Project Manager: Conner Moehring		Bill to: (if different) Todd Wells	
Company Name: Carmona Resources		Company Name: EOG Resources	
Address: 310 W Wall St Ste 500		Address: 5509 Champions Dr	
City, State ZIP: Midland, TX 79701		City, State ZIP: Midland, TX 79706	
Phone: (432) 813-6823		Email: Todd.Wells@eogresources.com	

Project Name: Deep Elm AST Spill (Pipeline Road)		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number: 2109		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO Cool: Cool HCL: HC H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Project Location: Eddy County, New Mexico		Due Date:		72 Hours												DI Water: H ₂ O MeOH: Me HNO ₃ : HN NaOH: Na	
Sampler's Name: MM																	
P.O. #:																	
SAMPLE RECEIPT		Temp Blank: Yes (No)		Wet Ice: Yes (No)													
Received In tact: Yes (No)		Thermometer ID: 140															
Cooler Custody Seals: Yes (No)		Correction Factor: 2.4															
Sample Custody Seals: Yes (No)		Temperature Reading: 2.4															
Total Containers:		Corrected Temperature:															

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
T-1 (0-1')	9/26/2023		X		G	1	X	X	X								1
T-1 (1-5')	9/26/2023		X		G	1	X	X	X								2
T-1 (2-0')	9/26/2023		X		G	1	X	X	X								3
T-1 (2-5')	9/26/2023		X		G	1	X	X	X								4
T-1 (3-0')	9/26/2023		X		G	1	X	X	X								5
T-2 (0-1')	9/26/2023		X		G	1	X	X	X								6
T-2 (1-5')	9/26/2023		X		G	1	X	X	X								7
T-2 (2-0')	9/26/2023		X		G	1	X	X	X								8
T-2 (3-0')	9/26/2023		X		G	1	X	X	X								9
T-2 (4-0')	9/26/2023		X		G	1	X	X	X								10

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

Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
		9-27-23 10:51					

Chain of Custody

Work Order No: HA352108

Page 2 of 10

Project Manager:		Conner Moebling		Bill to: (if different)		Todd Wells	
Company Name:		Carmona Resources		Company Name:		EOG Resources	
Address:		310 W Wall St Ste 500		Address:		5509 Champions Dr	
City, State ZIP:		Midland, TX 79701		City, State ZIP:		Midland, TX 79706	
Phone:		(432) 813-6823		Email:		Todd Wells@eogresources.com	
Project Name:		Deep Elm AST Spill (Pipeline Road)		Turn Around		Pres. Code	
Project Number:		2109		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			
Project Location:		Eddy County, New Mexico		Due Date:		72 Hours	
Sampler's Name:		MM					
PO #:							
SAMPLE RECEIPT		Temp Blank:		Yes (No)		Wet Ice:	
Received In tact:		Yes (No)		Thermometer ID:		Yes (No)	
Cooler Custody Seals:		Yes (No)		Correction Factor:			
Sample Custody Seals:		Yes (No)		Temperature Reading:		2.4	
Total Containers:		Corrected Temperature:					
Sample Identification		Date		Time		Soil	
T-3 (0-1')		9/26/2023				X	
T-3 (1.5')		9/26/2023				X	
T-3 (2.0')		9/26/2023				X	
T-3 (2.5')		9/26/2023				X	
T-4 (0-1')		9/26/2023				X	
T-4 (1.5')		9/26/2023				X	
T-4 (2.0')		9/26/2023				X	
T-4 (2.5')		9/26/2023				X	
T-5 (0-1')		9/26/2023				X	
T-5 (1.5')		9/26/2023				X	
Comments: Email to Mike Carmona / mcarmona@carmonaresources.com and Conner Moebling / cmoebling@carmonaresources.com							
Relinquished by: (Signature)		Date/Time		Received by: (Signature)		Date/Time	
<u>[Signature]</u>		9/27/23 1059		<u>[Signature]</u>			

Work Order Comments	
Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> IRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> ST/UST <input type="checkbox"/> PRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	
Preservative Codes	
None: NO	
Cool: Cool	
HCL: HC	
H ₂ SO ₄ : H ₂	
H ₃ PO ₄ : HP	
NaHSO ₄ : NABIS	
Na ₂ S ₂ O ₃ : NaSO ₃	
Zn Acetate+NaOH: Zn	
NaOH+Ascorbic Acid: SAPC	
Sample Comments	
11	
12	
13	
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16	
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20	

Chain of Custody

Work Order No:

42352108

Page 3 of 10

Project Manager:		Conner Moehring		Bill to: (if different)		Todd Wells	
Company Name:		Carmona Resources		Company Name:		EOG Resources	
Address:		310 W Wall St Ste 500		Address:		5509 Champions Dr	
City, State ZIP:		Midland, TX 79701		City, State ZIP:		Midland, Tx 79706	
Phone:		(432) 813-6823		Email:		Todd.Wells@ecresources.com	

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

Project Name:						Deep Elm A-1 Spill (Pipeline Road)							Turn Around											
Project Number:						2109							<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush											
Project Location						Eddy County, New Mexico							Due Date: 72 Hours											
Sampler's Name:																								
PO #:																								
SAMPLE RECEIPT						Temp Blank:							Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>											
Received Intact:						Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>							Thermometer ID:											
Cooler Custody Seals:						Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>							Correction Factor:											
Sample Custody Seals:						Yes <input checked="" type="radio"/> No <input checked="" type="radio"/>							Temperature Reading:											
Total Containers:													Corrected Temperature:											
Parameters																								
BTX 8021B																								
8015M (GRO + DRO + MRO)																								
Chloride 4500																								
ANALYSIS REQUEST																								
Preservative Codes																								
None: NO DI Water: H ₂ O MeOH: Me HCL: HC HNO ₃ : HN H ₂ SQ ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NASQ ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC																								

[illegible]

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
<i>[Signature]</i>	01/27/23 10:59	<i>[Signature]</i>	

Chain of Custody

Work Order No: 19352108

Page 4 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

Project Name:	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2109	Due Date:	72 Hours													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sampler's Name:	MM															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:	140												NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	Correction Factor:	2.4%												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: SPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments	
T-7 (2.0')	9/26/2023		X		G	1	X	X	X									33
T-7 (3.0')	9/26/2023		X		G	1	X	X	X	X								33
T-7 (4.0')	9/26/2023		X		G	1	X	X	X	X								33
T-8 (0-1')	9/26/2023		X		G	1	X	X	X	X								34
T-8 (1.5')	9/26/2023		X		G	1	X	X	X	X								35
T-8 (2.0')	9/26/2023		X		G	1	X	X	X	X								30
T-8 (3.0')	9/26/2023		X		G	1	X	X	X	X								37
T-8 (4.0')	9/26/2023		X		G	1	X	X	X	X								38
T-8 (5.0')	9/26/2023		X		G	1	X	X	X	X								39
T-8 (5.5')	9/26/2023		X		G	1	X	X	X	X								40

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23 1059		

Chain of Custody

Work Order No: 142352108

Page 5 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eoqresources.com

Project Name:		Deep Elm AST Spill (Pipeline Road)	
Project Number:	2109	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location:	Eddy County, New Mexico	Due Date:	72 Hours
Sampler's Name:	MM		
PO #:			

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	2.4	
Total Containers:		Corrected Temperature:		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Preservative Codes	
							Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500							None: NO	DI Water: H ₂ O
T-9 (0-1')	9/26/2023		X		G	1	X	X	X	X							41	
T-9 (1.5')	9/26/2023		X		G	1	X	X	X	X							42	
T-9 (2.0')	9/26/2023		X		G	1	X	X	X	X							43	
T-9 (3.0')	9/26/2023		X		G	1	X	X	X	X							44	
T-9 (4.0')	9/26/2023		X		G	1	X	X	X	X							45	
T-10 (0-1')	9/26/2023		X		G	1	X	X	X	X							46	
T-10 (1.5')	9/26/2023		X		G	1	X	X	X	X							47	
T-10 (2.0')	9/26/2023		X		G	1	X	X	X	X							48	
T-10 (3.0')	9/26/2023		X		G	1	X	X	X	X							49	
T-10 (4.0')	9/26/2023		X		G	1	X	X	X	X							50	

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23 10:51		

Chain of Custody

Work Order No: H9359108

Page 6 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5508 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes	
Project Number:	2109	Due Date:	72 Hours												None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico														Cool: Cool	MeOH: Me
Sampler's Name:	MM														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)	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: SPC	

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments
T-11 (0-1')	9/26/2023		X		G	1	X	X	X								51
T-11 (1.5')	9/26/2023		X		G	1	X	X	X	X							52
T-11 (2.0')	9/26/2023		X		G	1	X	X	X	X							53
T-11 (2.5')	9/26/2023		X		G	1	X	X	X	X							54
T-11 (3.0')	9/26/2023		X		G	1	X	X	X	X							55
T-12 (0-1')	9/26/2023		X		G	1	X	X	X	X							56
T-12 (1.5')	9/26/2023		X		G	1	X	X	X	X							57
T-12 (2.0')	9/26/2023		X		G	1	X	X	X	X							58
T-12 (3.0')	9/26/2023		X		G	1	X	X	X	X							59
T-12 (4.0')	9/26/2023		X		G	1	X	X	X	X							60

Comments: Email to Mike Carmona / Mcarmona@carmonaresources.com and Conner Moehring / Cmoehring@carmonaresources.com

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23-1051		

Chain of Custody

Work Order No: 119359108

Page 7 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2109	Due Date:	72 Hours													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sampler's Name:	MM															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: SPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters										Sample Comments
T-13 (0-1')	9/26/2023		X		G	1	X	X	X								141
T-13 (1.5')	9/26/2023		X		G	1	X	X	X								142
T-13 (2.0')	9/26/2023		X		G	1	X	X	X								143
T-13 (3.0')	9/26/2023		X		G	1	X	X	X								144
T-13 (4.0')	9/26/2023		X		G	1	X	X	X								145
T-13 (5.0')	9/26/2023		X		G	1	X	X	X								146
T-13 (6.0')	9/26/2023		X		G	1	X	X	X								147
T-14 (0-1')	9/26/2023		X		G	1	X	X	X								148
T-14 (1.5')	9/26/2023		X		G	1	X	X	X								149
T-14 (2.0')	9/26/2023		X		G	1	X	X	X								150

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23 10:59		

Chain of Custody

Work Order No: 18359108

Page 8 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, Tx 79706
Phone:	(432) 813-6823	Email:	Todd.Wells@eogresources.com

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

Project Name:	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	2109	Due Date:	72 Hours													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sampler's Name:	MM															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes	No	Well Ice:	Yes	No										H ₃ PO ₄ : HP	
Received Intact:	Yes	No	Thermometer ID:	140												NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes	No	Correction Factor:	2.4												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: S/APC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments
T-14 (3.0')	9/26/2023		X		G	1	X	X	X								71
T-14 (4.0')	9/26/2023		X		G	1	X	X	X								72
T-15 (0-1')	9/26/2023		X		G	1	X	X	X								73
T-15 (1.5')	9/26/2023		X		G	1	X	X	X								74
T-15 (2.0')	9/26/2023		X		G	1	X	X	X								75
T-15 (3.0')	9/26/2023		X		G	1	X	X	X								76
T-15 (4.0')	9/26/2023		X		G	1	X	X	X								77
T-15 (5.0')	9/26/2023		X		G	1	X	X	X								78
T-15 (6.0')	9/26/2023		X		G	1	X	X	X								79
T-16 (0-1')	9/26/2023		X		G	1	X	X	X								80

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9-27-23 1059		

Chain of Custody

Work Order No: HA352108

Page 9 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	EOG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@eogresources.com

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

Project Name:	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	2109	Due Date:	72 Hours													None: NO	DI Water: H ₂ O
Project Location:	Eddy County, New Mexico															Cool: Cool	MeOH: Me
Sampler's Name:	MM															HCL: HC	HNO ₃ : HN
PO #:																H ₂ SO ₄ : H ₂	NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Correction Factor:													NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Temperature Reading:													Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Corrected Temperature:													Zn Acetate+NaOH: Zn	
Total Containers:																NaOH+Ascorbic Acid: SPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Sample Comments
T-16 (1.5')	9/26/2023		X		G	1	X	X	X								81
T-16 (2.0')	9/26/2023		X		G	1	X	X	X								82
T-16 (3.0')	9/26/2023		X		G	1	X	X	X								83
T-16 (4.0')	9/26/2023		X		G	1	X	X	X								84
T-17 (0-1')	9/26/2023		X		G	1	X	X	X								85
T-17 (1.5')	9/26/2023		X		G	1	X	X	X								86
T-17 (2.0')	9/26/2023		X		G	1	X	X	X								87
T-17 (3.0')	9/26/2023		X		G	1	X	X	X								88
T-17 (4.0')	9/26/2023		X		G	1	X	X	X								89
T-17 (5.0')	9/26/2023		X		G	1	X	X	X								90

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23 1059		

Chain of Custody

Work Order No: HA352108

Page 10 of 10

Project Manager:	Conner Moehring	Bill to: (if different)	Todd Wells
Company Name:	Carmona Resources	Company Name:	ECG Resources
Address:	310 W Wall St Ste 500	Address:	5509 Champions Dr
City, State ZIP:	Midland, TX 79701	City, State ZIP:	Midland, TX 79706
Phone:	(432) 813-6823	Email:	Todd Wells@ecgresources.com

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

Project Name:	Deep Elm AST Spill (Pipeline Road)	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	2109	Due Date:	72 Hours														None: NO	DI Water: H ₂ O			
Project Location:	Eddy County, New Mexico																Cool: Cool	MeOH: Me			
Sampler's Name:	MM																HCL: HC	HNO ₃ : HN			
PO #:																	H ₂ SO ₄ : H ₂	NaOH: Na			
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	140					BTEX 8021B												NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	245					TPH 8015M (GRO + DRO + MRO)												Na ₂ S ₂ O ₅ : NaSO ₃	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Corrected Temperature:						Chloride 4500												Zn Acetate+NaOH: Zn	
Total Containers:																				NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
T-18 (0-1')		9/26/2023		X		G	1	X	X	X							91				
T-18 (1.5')		9/26/2023		X		G	1	X	X	X							92				
T-18 (2.0')		9/26/2023		X		G	1	X	X	X							93				
T-18 (3.0')		9/26/2023		X		G	1	X	X	X							94				
T-18 (4.0')		9/26/2023		X		G	1	X	X	X							95				

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

Relinquished by: (Signature)	Date/Time	Received by: (Signature)	Date/Time
	9/27/23 1059		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 285925

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 285925
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation plan approved. The alternative confirmation sampling plan taking confirmation samples no more than 400 square feet is approved. Submit closure report to the OCD by 6/4/2024.	3/6/2024